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DEPARTMENT OF COMMERCE

HERBERT HOOVER, SECRETARY

U.S. BUREAU OF THE CENSUS

W. M. STEUART, *Director*

CENSUS OF MANUFACTURES 1921

CANNING AND PRESERVING

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EXPLANATION OF TERMS.

Scope of census.—Section 32 of the act providing for the Fourteenth Decennial Census authorizes and directs the collection and publication, for the years 1921, 1923, 1925, and 1927, and for every tenth year after each of those years, of statistics of the products of manufacturing industries. (The decennial censuses will cover the years 1929, 1939, etc.) Detailed censuses of manufacturing industries were taken decennially prior to 1899 and have been taken quinquennially beginning with the canvass for that year.

The scope of the biennial inquiry has been considerably restricted as compared with the quinquennial census, this restriction having been necessary in the interest of economy in both time and expense. The items of information secured at the quinquennial censuses but omitted at the biennial census are: Capital, sex and age distribution of employees, rent and taxes, primary horsepower, and kind and quantity of fuel used. The biennial census, like the quinquennial censuses, does not cover establishments which were idle during the entire year, nor the manufacturing done in educational, eleemosynary, or penal institutions. This census excludes also establishments having products valued at less than \$5,000¹ each, whereas the quinquennial censuses excluded only those whose value of products was less than \$500.

Area and period covered.—The canvass covered the 48 States and the District of Columbia. The returns relate to the calendar year 1921, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business within the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city or State, separate reports were secured in order that the figures for each plant might be included in the statistics for the city or State in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent in full the products covered by this designation, because some of this class of products may be made in establishments in which they are not the products of chief value.

Persons engaged in the industry.—In the case of employees other than wage earners, the number was reported for December 15, or the nearest representative day, which has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary from month to month. In the case of wage earners a report was obtained of the number employed on the 15th of each month. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed on any given day.

Capital (amount actually invested).—No data as to capital were collected at the census of 1921. The instructions on the schedules for 1919, 1914, and 1909 with reference to securing this class of data were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the numbers employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Cost of materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Influence of price changes.—In comparing figures for cost of materials, value of products, and value added by manufacture for 1921 with the corresponding figures for 1919 and earlier census years, account should be taken of the pronounced increases in the prices of most commodities between 1914 and 1919, and of the decreases in the prices of certain classes of commodities between 1919 and 1921. To the extent to which this factor has been influential, the figures fail to afford an exact measure of the increase or decrease in the volume of production.

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, insurance, ordinary repairs, advertising, and other sundry expenses; and for 1921 data for rent and taxes, included at prior censuses, have also been omitted.

¹ Establishments with products valued at less than \$5,000 were canvassed, but the returns are included only in the table showing size of establishments by value of products.

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CANNING AND PRESERVING.

INTRODUCTION.

This report is one of the series presenting the results of the first biennial census of manufactures, which covered the operations of manufacturing establishments during the calendar year 1921. The most important of these statistics were published in the form of preliminary announcements or press summaries, under the dates of February 8, 1923 (pickles, preserves, and sauces), and May 10, 1923 (fruits and vegetables, and fish and oysters).

Description of the industry.—This industry is divided into four branches: (1) The canning and preserving of fruits, vegetables, and soups, and the "processing" and packing of dried fruits; (2) the canning or curing of fish, crabs, and shrimps; (3) the canning of oysters and clams; (4) the manufacture of pickles, preserves, jellies, sauces, etc. The products of branch 1 may be classified in four major groups, namely, canned vegetables and soups, canned fruits, dried fruits, and dried vegetables. The principal products of branch 2 are canned, pickled, smoked, and dried fish, and canned crabs and shrimps; of branch 3, canned oysters and clams; and of branch 4, canned pickles, sauces, salad dressings, mustards, catsup, etc.

The industry does not include the canning of meats, soups, or other products by establishments engaged primarily in meat packing (classified in the slaughtering and meat-packing industry); the manufacture of condensed and evaporated milk, sweetening sirups, and peanut butter; the drying and packing of fruits on farms; nor the shucking and wholesale shipment of fresh oysters in unsealed containers. The production of canned goods by meat-packing establishments and the manufacture of condensed and evaporated milk, sweetening sirups (other than cane), and peanut butter are, however, shown in Table 12.

Assignment of establishments to industries.—In making use of the statistics in Tables 1 to 5, 14, and 15 it must be remembered that they relate to the operations of establishments which have been assigned to this industry because of the nature of their *products of chief value*. In some cases an establishment manufactures various classes of products, part of which pertain to one branch of this industry and part to another branch, and it may also manufacture products wholly foreign in character which normally belong to a different and wholly unrelated industry. Such an establishment is assigned to the appropriate branch of this industry or to another industry as the case may be, according to the nature of its products of chief value. The total value of products of the canning and preserving industry, therefore, includes the value of various subsidiary products other than canned goods (part of "All other products," Tables 7, 9, and 11), but does not include the value of canned goods reported as subsidiary products by establishments in other industries ("Subsidiary products, other industries," Table 9). Data for these subsidiary products of other industries are, however, included in Tables 7 to 12. As will be seen by reference to Tables 7 and 9, the value of the "All other products" of this industry and of the subsidiary canned goods reported by establishments in other industries¹ represents in each case only a fraction more than 1 per cent of the total value of products shown for the industry proper.

¹Not including slaughtering and meat packing nor the manufacture of condensed and evaporated milk, sweetening sirups, and peanut butter. (See Table 12.)

Limitation of statistics to establishments reporting products valued at \$5,000 or more.—The census statistics for 1921 relate only to establishments having products valued at \$5,000 or more, whereas at prior censuses (decennial and quinquennial) the corresponding limit was \$500. Data as to number of wage earners and value of products in 1921 were secured for establishments reporting products valued at \$500 or more but less than \$5,000, but have not been included in this report except in Table 5. The omission of the data for these establishments, 451 in number, affects the industry totals for wage earners and value of products to the extent of only 1 per cent and three-tenths of 1 per cent, respectively, as will be seen by reference to Table 5.

Omission of certain inquiries.—It was deemed necessary also to reduce the number of inquiries on the schedule for the biennial census by the omission of the following, which had been included at preceding censuses: Capital; sex and age distribution of employees; rent and taxes; primary horsepower; kind and quantity of fuel used.

Comparison with previous years.—In Table 1 are given statistics for 1921 and for all preceding census years for which comparable data are available. The growth of the industry, as measured by value of products, was uninterrupted from 1889 to 1919, but the average number of wage earners declined somewhat from 1889 to 1904. The two-year period 1919–1921, however, shows a striking decline, amounting to 33.6 per cent for average number of wage earners and 36 per cent for value of products. This decline appears for all branches of the industry, being most pronounced for establishments engaged in canning and curing fish. The decrease in the production of canned fruits and vegetables was due in part to crop shortages and in part to the general industrial depression which prevailed in 1921. A considerable number of canneries were not operated at all during 1921, and others were operated at less than their usual capacity.

State statistics.—State statistics are given in Tables 3, 4, 10, 11, and 14. In Table 3, which shows the relative importance of leading States, no presentation has been made for the industry as a whole, for the reason that it would be impossible to give figures for California, the leading State, and for certain other important States without disclosing the operations of individual establishments. To illustrate: If the total value of products for California had been given, it would have been possible by addition and subtraction to ascertain the production of the two establishments engaged in oyster canning (footnote 5, p. 27). This would have enabled anyone knowing the production of either of these establishments to calculate exactly the value of products reported by the other.

The statistics for quantities and values of products in Tables 10 and 11 also cover all States for which separate figures may properly be shown. In some cases it has been possible to combine and present the data for a number of establishments in "All other States"; but in other cases this could not have been done without disclosing the values of products reported by individual establishments. For example: Small amounts of canned salmon were reported by two establishments in California, and if the combined output of these establishments had been shown as an "All other States" item in Table 10 it would have been possible for anyone knowing that only two establishments in continental United States outside Washington and Oregon reported canned salmon, and knowing the production of either establishment to calculate the value of products for the other. In cases like this, therefore, it has been necessary to include in "All other products" (Tables 7, 9, and 11) certain small values of products which could not be shown separately without disclosing the operations of individual establishments in certain States. The amounts thus included are, however, insignificant in comparison with the United States totals for the respective products.

Sizes of cans and cases.—Table 6 shows the dimensions and approximate capacities of the principal sizes of cans in use. These dimensions and capacities were obtained from the National Canners' Association and are those agreed upon by the conference committee of that association and the National Wholesale Grocers' Association as complying with the State and national pure-food laws. The volume and weight of contents given allow for "reasonable tolerances"; that is to say, they represent not the maximum capacity of the cans, but what they actually contain when filled in the usual manner. The figures relate to the "sanitary" (open-top) cans, which in some cases differ slightly in size from the "hole-and-cap" variety.

In Table 7, in the second column of Table 8, and in Tables 9, 10, 11, and 12, the quantities of the several classes of canned products are given in standard cases of the capacities indicated in footnote 1, Table 6.

Quantities and values of products.—Statistics showing the quantities, and in most cases the values, of the several classes and kinds of canned goods which are treated as primary products of the canning and preserving industry (including those reported as subsidiary products by establishments in other industries) are given in Tables 7 to 11, inclusive; and in Table 12 is shown the production, in various industries, of all classes of canned goods, so far as reported separately, including meats, evaporated and condensed milk, and other canned food products not belonging to the canning and preserving industry.

The item "All other products" in Tables 7, 9, and 11 is made up in part of certain small values of products belonging to the industry which were included in this group in order to avoid disclosing the operations of individual establishments in certain States (see "State statistics," p. 4), but consists mainly of subsidiary products foreign in character to the primary products of the canning and preserving industry; for example, vinegar, fish oil, and fertilizer materials. The inclusion of this item in Tables 7, 9, and 11 and its exclusion from Table 12 accounts for the difference between the total value of products shown in Tables 7, 9, and 11 and the subtotal given in Table 12 for the canning and preserving industry.

Alaskan production.—The statistics presented in Tables 1 to 12, 14, and 15 relate to the operations of establishments in continental United States, exclusive of Alaska. The production of canned salmon in Alaska is, however, of great importance, and accordingly a special table (Table 16) showing the output of the Alaskan fisheries has been prepared. From this table it will be seen that the production of canned salmon in Alaska in 1921 and in 1919 was nearly double, and in 1914 was considerably more than double, that reported for continental United States (Table 9). This accounts for the large exports of salmon (Table 13), which in 1919 greatly exceeded and in 1921 and 1914 nearly equaled in value the production in continental United States.

TABLES.

TABLE 1.—SUMMARY FOR THE INDUSTRY AND ITS BRANCHES FOR THE UNITED STATES: 1889 TO 1921.

INDUSTRY AND YEAR.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of materials.	Value of products.	Value added by manu- facture. ¹
Expressed in thousands.								
ALL BRANCHES.								
1921 ²	2,225	59,675	(3)	(3)	\$42,114	\$259,704	\$401,831	\$142,127
1919.....	4,280	89,923	180,812	\$378,417	66,444	412,660	628,288	215,628
1914.....	4,220	74,071	129,004	172,475	27,197	159,658	243,440	83,782
1909.....	3,767	59,968	81,179	119,207	19,082	101,823	157,101	55,278
1904.....	3,168	56,944	60,831	79,246	16,336	83,147	130,466	47,319
1899.....	2,570	57,012	38,624	55,481	13,705	63,668	99,335	35,667
1889.....	1,328	61,812	20,690	24,522	7,581	30,794	49,886	19,092
FRUITS AND VEGETABLES.								
1921 ²	1,357	38,668	(3)	(3)	24,805	166,582	248,105	81,523
1919.....	3,082	60,865	132,422	223,692	43,593	265,629	492,243	136,614
1914.....	3,153	50,325	88,303	98,738	17,305	103,293	149,176	45,883
1909.....	2,789	40,492	59,950	67,314	11,772	62,544	91,439	28,895
1904.....	2,261	39,988	44,499	47,629	10,428	51,582	78,142	26,560
1899.....	1,813	37,189	26,906	27,795	8,252	37,383	56,427	19,044
1889.....	886	49,762	15,210	15,315	4,651	18,665	29,862	11,197
1879.....	411	31,905	(1)	8,247	2,680	12,051	17,600	5,549
1869.....	97	5,869	742	2,336	⁵ 772	3,095	5,426	2,331
FISH.								
1921 ²	273	6,916	(3)	(3)	4,955	20,816	33,957	13,141
1919.....	410	11,248	24,865	63,049	9,036	52,411	77,284	24,873
1914.....	339	9,069	10,966	28,464	3,679	19,467	31,111	11,644
1909.....	328	7,260	6,969	18,796	3,091	15,911	25,514	9,603
1904.....	310	5,154	4,877	9,577	2,292	12,339	18,642	6,303
1899.....	310	11,263	4,224	16,251	2,965	11,573	18,178	6,605
1889.....	110	5,020	1,175	3,187	1,128	4,711	6,972	2,261
OYSTERS.								
1921 ²	47	1,030	(3)	(3)	359	1,206	2,158	952
1919.....	65	1,189	1,025	2,972	469	1,583	2,976	1,393
1914.....	65	2,087	1,895	2,077	424	1,225	2,238	1,013
1909.....	70	2,666	1,423	3,647	474	1,571	2,814	1,243
1904.....	69	3,291	1,232	2,600	548	2,591	3,986	1,395
1899.....	23	1,335	922	442	250	837	1,253	416
1889.....	16	3,453	838	1,107	643	2,089	3,261	1,172
PICKLES, PRESERVES, AND SAUCES.								
1921 ²	548	13,061	(3)	(3)	11,995	71,100	117,611	46,511
1919.....	723	16,621	22,500	88,704	13,346	93,037	145,785	52,748
1914.....	672	12,590	18,840	43,196	5,789	35,673	60,915	25,242
1909.....	580	9,550	12,837	29,450	3,745	21,797	37,334	15,537
1904.....	528	8,511	10,223	19,440	3,068	16,635	29,696	13,061
1899.....	424	7,225	6,572	10,993	2,238	13,875	23,477	9,602
1889.....	316	3,577	3,467	4,913	1,159	5,329	9,791	4,462
1879.....	109	930	(1)	841	259	1,473	2,407	934

¹ Value of products less cost of materials.² Figures for 1921 do not include data for establishments reporting products valued at less than \$5,000. (See footnotes 1, 4, and 5, p. 7, and 1 and 5, p. 8.)³ Not called for on schedule for 1921.⁴ No data.

TABLE 2.—GENERAL STATISTICS FOR THE INDUSTRY AND ITS BRANCHES FOR THE UNITED STATES: 1909 TO 1921.

	1921	1919	1914	1909	PER CENT OF INCREASE OR DECREASE (—).	
					1919-1921	1909-1919
ALL BRANCHES. ¹						
Number of establishments.....	2,225	4,280	4,220	3,767	-48.0	13.6
Persons engaged.....	70,655	108,261	88,069	71,972	-34.7	50.4
Proprietors and firm members.....	1,647	4,159	4,409	4,244	-60.4	-2.0
Salaried employees.....	9,333	14,179	9,589	7,760	-34.2	82.7
Wage earners (average number).....	59,675	89,923	74,071	59,968	-33.6	50.0
Primary horsepower.....	(2)	180,812	120,004	81,179	.....	122.7
Capital.....	(2)	\$378,416,813	\$172,474,945	\$119,207,127	.....	217.4
Salaries and wages.....	\$60,137,470	91,212,687	38,668,278	26,945,466	-34.1	238.5
Salaries.....	18,023,434	24,768,664	11,471,254	7,863,623	-27.2	215.0
Wages.....	42,114,036	66,444,023	27,197,024	19,081,843	-36.6	248.2
Paid for contract work.....	1,021,802	877,683	840,419	501,173	16.4	75.1
Rent and taxes.....	(2)	17,377,705	1,899,046	1,074,279	.....	1,517.6
Cost of materials.....	259,704,054	412,659,747	159,657,909	101,823,059	-37.1	305.3
Value of products.....	401,831,446	628,287,925	243,439,859	157,101,201	-36.0	299.9
Value added by manufacture ³	142,127,392	215,628,178	83,781,950	55,278,142	-34.1	290.1
FRUITS AND VEGETABLES. ⁴						
Number of establishments.....	1,357	3,082	3,153	2,789	-56.0	10.5
Persons engaged.....	45,210	72,744	58,329	47,448	-37.9	53.3
Proprietors and firm members.....	887	3,284	3,520	3,316	-75.0	-1.0
Salaried employees.....	5,655	8,595	4,484	3,640	-34.2	136.1
Wage earners (average number).....	38,668	60,865	50,325	40,492	-36.5	50.3
Primary horsepower.....	(2)	132,422	88,303	59,950	.....	120.9
Capital.....	(2)	\$223,692,234	\$98,738,219	\$67,313,424	.....	232.3
Salaries and wages.....	\$35,249,226	56,943,637	22,412,290	15,090,277	-38.1	277.4
Salaries.....	10,444,453	13,351,100	5,106,787	3,318,579	-21.8	302.3
Wages.....	24,804,773	43,592,537	17,305,503	11,771,698	-43.1	270.3
Paid for contract work.....	558,486	328,580	422,514	77,321	70.0	325.0
Rent and taxes.....	(2)	11,872,176	878,158	488,707	.....	2,329.3
Cost of materials.....	166,582,088	265,628,525	103,293,044	62,543,622	-37.3	324.7
Value of products.....	248,105,595	402,242,972	149,175,865	91,439,161	-38.3	339.9
Value added by manufacture ³	81,523,507	136,614,447	45,882,821	28,895,539	-40.3	372.8
FISH. ⁵						
Number of establishments.....	273	410	330	328	-33.4	25.0
Persons engaged.....	8,082	12,797	10,306	8,341	-36.8	53.4
Proprietors and firm members.....	325	275	263	338	18.2	-18.6
Salaried employees.....	841	1,274	974	743	-34.0	71.5
Wage earners (average number).....	6,916	11,248	9,069	7,260	-38.5	54.9
Primary horsepower.....	(2)	24,865	10,966	6,969	.....	256.8
Capital.....	(2)	\$63,049,038	\$28,463,738	\$18,796,180	.....	235.4
Salaries and wages.....	\$6,391,778	11,938,634	4,948,991	3,985,512	-46.5	199.6
Salaries.....	1,435,996	2,902,545	1,269,992	894,559	-50.5	224.5
Wages.....	4,955,782	9,036,089	3,678,999	3,090,953	-45.2	192.3
Paid for contract work.....	407,541	445,746	322,347	386,327	-8.6	15.4
Rent and taxes.....	(2)	1,578,999	375,964	157,232	.....	904.2
Cost of materials.....	20,815,997	52,410,951	19,467,153	15,911,335	-60.3	229.4
Value of products.....	33,956,874	77,284,412	31,111,409	25,514,436	-56.1	202.9
Value added by manufacture ³	13,140,877	24,873,461	11,644,256	9,603,101	-47.2	159.0

¹ The figures for 1921 do not include data for 451 establishments, with products valued at \$1,073,807, each establishment reporting products under \$5,000 in value. The figures for 1919, however, include data for 933 such establishments, with products valued at \$2,217,181; those for 1914, data for 1,626 such establishments, with products valued at \$3,195,667; and those for 1909, data for 1,394 such establishments, with products valued at \$3,105,206.

² Not called for on schedule for 1921.

³ Value of products less cost of materials.

⁴ The figures for 1921 do not include data for 305 establishments, with products valued at \$701,349, each establishment reporting products under \$5,000 in value. The figures for 1919, however, include data for 739 such establishments, with products valued at \$1,725,784; those for 1914, data for 1,374 such establishments, with products valued at \$2,568,276; and those for 1909, data for 1,138 such establishments, with products valued at \$2,496,680.

⁵ The figures for 1921 do not include data for 31 establishments, with products valued at \$83,697, each establishment reporting products under \$5,000 in value. The figures for 1919, however, include data for 38 such establishments, with products valued at \$107,473; those for 1914, data for 51 such establishments, with products valued at \$121,647; and those for 1909, data for 80 such establishments, with products valued at \$167,586.

TABLE 2.—GENERAL STATISTICS FOR THE INDUSTRY AND ITS BRANCHES FOR THE UNITED STATES: 1909 TO 1921—Continued.

	1921	1919	1914	1909	PER CENT OF INCREASE OR DECREASE (-).	
					1919-1921	1909-1919
OYSTERS. ¹						
Number of establishments.....	47	65	65	70	(²)	(²)
Persons engaged.....	1,143	1,339	2,296	2,873	-14.6	-53.4
Proprietors and firm members.....	44	51	60	49	(²)	(²)
Salaried employees.....	69	99	149	158	(²)	-37.3
Wage earners (average number).....	1,030	1,189	2,087	2,666	-13.4	-55.4
Primary horsepower.....	(³)	1,025	1,895	1,423	.....	-28.0
Capital.....	(³)	\$2,971,876	\$2,076,607	\$3,647,136	.....	-18.5
Salaries and wages.....	\$455,600	618,013	552,063	669,441	-26.3	-7.7
Salaries.....	96,679	149,083	128,366	195,360	-35.2	-23.7
Wages.....	358,921	468,930	423,697	474,081	-23.5	-1.1
Paid for contract work.....	14,142	56,053	8,669	1,000	-74.8	5,505.3
Rent and taxes.....	(³)	43,354	18,726	24,890	.....	74.2
Cost of materials.....	1,206,436	1,582,838	1,225,206	1,570,705	-23.8	0.8
Value of products.....	2,157,533	2,976,011	2,238,053	2,813,857	-27.5	5.8
Value added by manufacture ⁴	951,097	1,393,173	1,012,847	1,243,152	-31.7	12.1
PICKLES, PRESERVES, AND SAUCES. ⁵						
Number of establishments.....	548	723	672	580	-24.2	24.7
Persons engaged.....	16,220	21,381	17,138	13,310	-24.1	60.6
Proprietors and firm members.....	391	549	566	541	-28.8	1.5
Salaried employees.....	2,768	4,211	3,982	3,219	-34.3	30.8
Wage earners (average number).....	13,061	16,621	12,590	9,550	-21.4	74.0
Primary horsepower.....	(³)	22,500	18,840	12,837	.....	75.3
Capital.....	(³)	\$88,703,665	\$43,196,381	\$29,450,387	.....	201.2
Salaries and wages.....	\$18,040,866	21,712,403	10,754,934	7,200,236	-16.9	201.6
Salaries.....	6,046,306	8,365,936	4,966,109	3,455,125	-27.7	142.1
Wages.....	11,994,560	13,346,467	5,788,825	3,745,111	-10.1	256.4
Paid for contract work.....	41,633	47,304	86,889	36,525	-12.0	29.5
Rent and taxes.....	(³)	3,883,176	626,198	403,450	.....	862.5
Cost of materials.....	71,099,533	93,037,433	35,672,506	21,797,397	-23.6	326.8
Value of products.....	117,611,444	145,784,530	60,914,532	37,333,747	-19.3	290.5
Value added by manufacture ⁴	46,511,911	52,747,097	25,242,026	15,536,350	-11.8	239.5

¹ The figures for 1921 do not include data for 9 establishments, with products valued at \$26,053, each establishment reporting products under \$5,000 in value. The figures for 1919, however, include data for 10 such establishments, with products valued at \$25,551; those for 1914, data for 9 such establishments, with products valued at \$29,666; and those for 1909, data for 11 such establishments, with products valued at \$31,923.

² Percentage not computed, base being less than 100.

³ Not called for on schedule for 1921.

⁴ Value of products less cost of materials.

⁵ The figures for 1921 do not include data for 106 establishments, with products valued at \$262,708, each establishment reporting products under \$5,000 in value. The figures for 1919, however, include data for 146 such establishments, with products valued at \$358,373; those for 1914, data for 192 such establishments, with products valued at \$476,078; and those for 1909, data for 165 such establishments, with products valued at \$409,017.

TABLE 3.—RELATIVE IMPORTANCE OF LEADING STATES, FOR BRANCHES OF THE INDUSTRY: 1921.

INDUSTRY AND STATE.	Number of establishments.	VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			WAGE EARNERS.		
		Amount.	Per cent distribution.	Rank.	Amount.	Per cent distribution.	Rank.	Average number.	Per cent distribution.	Rank.
FRUITS AND VEGETABLES.										
United States....	1,357	\$248,105,595	100.0	.....	\$81,523,507	100.0	.....	38,668	100.0	....
California.....	229	118,070,322	47.6	1	35,033,430	43.0	1	12,377	32.0	1
New Jersey.....	31	25,305,082	10.2	2	11,839,093	14.5	2	1,920	5.0	5
New York.....	140	15,355,624	6.2	3	5,393,524	6.6	3	3,460	8.9	3
Wisconsin.....	127	15,106,495	6.1	4	4,909,579	6.0	4	2,867	7.4	1
Maryland.....	166	12,268,575	4.9	5	3,800,422	4.7	5	3,521	9.1	2
Indiana.....	65	9,147,680	3.7	6	2,060,900	2.5	9	1,807	4.7	6
Oregon.....	49	7,298,707	2.9	7	2,709,816	3.3	6	1,495	3.9	9
Illinois.....	38	7,087,376	2.9	8	2,352,510	2.9	8	1,377	3.6	10
Michigan.....	44	5,930,074	2.4	9	1,428,904	1.8	11	1,544	4.0	8
Washington.....	35	5,890,399	2.4	10	2,474,897	3.0	7	1,621	4.2	7
Maine.....	76	4,816,752	1.9	11	1,831,148	2.2	10	828	2.1	12
Ohio.....	48	3,739,063	1.5	12	1,274,011	1.6	12	947	2.4	11
Iowa.....	28	3,344,143	1.3	13	963,343	1.2	13	568	1.5	13
All other States ¹	281	14,745,303	5.9	.....	5,451,930	6.7	.....	4,336	11.2	.....
FISH.										
United States....	273	33,956,874	100.0	.....	13,140,877	100.0	.....	6,916	100.0	....
Washington.....	46	6,295,270	18.5	1	2,572,218	19.6	1	928	13.4	3
California.....	42	6,278,549	18.5	2	2,514,759	19.1	2	1,324	19.1	2
Maine.....	45	5,197,923	15.3	3	1,504,532	11.4	5	1,439	20.8	1
Massachusetts.....	24	4,069,009	12.0	4	2,240,847	17.1	3	860	12.4	4
Oregon.....	19	3,610,685	10.6	5	1,769,133	13.5	4	361	5.2	7
New York.....	14	2,801,131	8.3	6	457,994	3.5	7	88	1.3	11
Louisiana.....	14	1,662,773	4.9	7	625,841	4.8	6	532	7.7	5
Mississippi.....	11	1,231,469	3.6	8	434,308	3.3	8	484	7.0	6
Florida.....	6	556,520	1.6	9	200,996	1.5	10	268	3.9	9
Georgia.....	4	491,179	1.4	10	242,407	1.8	9	186	2.7	10
Maryland.....	11	364,195	1.1	11	92,571	0.7	11	113	1.6	.....
All other States ²	37	1,398,171	4.1	.....	485,271	3.7	.....	333	4.8	.....

¹ Alabama, 1 establishment; Arkansas, 10; Colorado, 12; Connecticut, 3; Delaware, 32; Florida, 2; Georgia, 7; Idaho, 7; Kansas, 1; Kentucky, 6; Louisiana, 5; Minnesota, 21; Mississippi, 5; Missouri, 23; Montana, 2; Nebraska, 3; New Hampshire, 3; New Mexico, 1; North Carolina, 1; Pennsylvania, 37; Rhode Island, 1; Tennessee, 14; Texas, 9; Utah, 16; Vermont, 9; Virginia, 40; West Virginia, 10.

² Alabama, 3 establishments; District of Columbia, 2; Illinois, 5; Michigan, 2; New Jersey, 2; North Carolina, 2; Ohio, 1; Pennsylvania, 3; Virginia, 11; Wisconsin, 6.

TABLE 3.—RELATIVE IMPORTANCE OF LEADING STATES, FOR BRANCHES OF THE INDUSTRY: 1921—Continued.

INDUSTRY AND STATE.	Number of establishments.	VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.			WAGE EARNERS.		
		Amount.	Per cent distribution.	Rank.	Amount.	Per cent distribution.	Rank.	Average number.	Per cent distribution.	Rank.
OYSTERS.										
United States...	47	\$2, 157, 533	100.0	.....	\$951, 097	100.0	.....	1, 030	100.0	....
Mississippi.....	5	628, 490	29.1	1	240, 636	25.3	1	299	29.0	2
Washington.....	10	457, 671	21.2	2	179, 024	18.8	3	131	12.7	3
South Carolina.....	8	400, 747	18.6	3	181, 016	19.0	2	330	32.0	1
Maine.....	9	210, 460	9.8	4	96, 990	10.2	4	84	8.2	4
Georgia.....	3	86, 506	4.0	5	66, 243	7.0	5	42	4.1	6
North Carolina.....	3	76, 840	3.6	6	45, 800	4.8	6	57	5.5	5
All other States ¹	9	296, 819	13.8	.....	141, 388	14.9	.....	87	8.4	.....
PICKLES, PRESERVES, AND SAUCES.										
United States...	548	117, 611, 444	100.0	.....	46, 511, 911	100.0	.....	13, 061	100.0	....
New York.....	87	29, 145, 232	24.8	1	11, 283, 547	24.3	1	3, 115	23.8	1
Pennsylvania.....	35	23, 477, 900	20.0	2	9, 821, 373	21.1	2	2, 171	16.6	2
Illinois.....	49	13, 362, 192	11.4	3	4, 658, 140	10.0	3	1, 646	12.6	3
Ohio.....	36	7, 804, 117	6.6	4	2, 910, 988	6.3	4	1, 002	7.7	5
California.....	66	7, 429, 523	6.3	5	2, 712, 550	5.8	5	1, 071	8.2	4
Massachusetts.....	30	5, 462, 115	4.6	6	2, 016, 059	4.3	7	469	3.6	8
Kentucky.....	10	5, 051, 299	4.3	7	2, 093, 526	4.5	6	542	4.1	6
Indiana.....	24	4, 132, 037	3.5	8	1, 898, 762	4.1	8	536	4.1	7
Missouri.....	11	3, 874, 216	3.3	9	1, 005, 803	2.2	10	311	2.4	10
New Jersey.....	32	3, 149, 556	2.7	10	950, 286	2.0	12	325	2.5	9
Iowa.....	9	2, 710, 723	2.3	11	1, 556, 174	3.3	9	296	2.3	11
Michigan.....	20	2, 018, 257	1.7	12	1, 002, 951	2.2	11	267	2.0	12
Colorado.....	17	1, 465, 029	1.2	13	819, 642	1.8	13	171	1.3	14
Texas.....	12	1, 317, 599	1.1	14	550, 445	1.2	15	197	1.5	13
Minnesota.....	10	1, 304, 981	1.1	15	747, 449	1.6	14	143	1.1	15
All other States ²	100	5, 906, 668	5.0	.....	2, 484, 216	5.3	.....	799	6.1	.....

¹ California, 2 establishments; Florida, 2; Maryland, 2; Oregon, 1; Virginia, 2.² Arizona, 1 establishment; Connecticut, 4; Delaware, 2; District of Columbia, 1; Florida, 6; Kansas, 2; Louisiana, 11; Maine, 3; Maryland, 15; Mississippi, 2; Montana, 1; Nebraska, 3; North Carolina, 1; North Dakota, 2; Oregon, 8; Rhode Island, 2; Utah, 2; Virginia, 5; Washington, 15; West Virginia, 1; Wisconsin, 13.

TABLE 4.—WAGE EARNERS, BY MONTHS, FOR THE INDUSTRY AS A WHOLE, FOR THE UNITED STATES, 1921, 1919, AND 1914, AND FOR SELECTED STATES, 1921.

[The month of maximum employment is indicated by **bold-faced** figures and that of minimum employment by *italic* figures.]

STATE.	Average number employed during year.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.					
		January.	Febru- ary.	March.	April.	May.	June.
United States:							
1921.....	59,675	<i>24,963</i>	25,916	27,551	31,448	32,746	57,804
1919.....	89,923	44,407	37,044	<i>35,692</i>	41,508	46,581	77,462
1914.....	74,071	<i>27,917</i>	28,944	29,926	34,047	38,458	58,869
California.....	14,779	<i>4,047</i>	4,502	4,842	7,087	5,962	12,440
Illinois.....	3,039	<i>1,723</i>	1,808	1,840	1,963	2,195	3,180
Indiana.....	2,343	<i>628</i>	720	880	1,042	1,244	1,588
Iowa.....	864	<i>258</i>	330	402	403	473	653
Kentucky.....	599	<i>283</i>	373	423	465	513	551
Louisiana.....	766	<i>207</i>	242	848	876	910	564
Maine.....	2,359	608	<i>581</i>	678	1,169	1,326	1,192
Maryland.....	3,766	<i>1,021</i>	1,166	1,322	1,612	1,973	3,659
Massachusetts.....	1,329	<i>1,536</i>	1,448	1,398	1,263	1,273	1,230
Michigan.....	1,824	<i>430</i>	482	479	581	770	2,957
Mississippi.....	899	968	1,000	992	930	216	<i>120</i>
Missouri.....	556	194	173	<i>163</i>	231	285	317
New Jersey.....	2,251	1,561	1,554	1,591	1,418	<i>1,235</i>	1,606
New York.....	6,663	3,481	3,479	<i>3,390</i>	3,617	3,984	6,557
Ohio.....	1,950	883	<i>958</i>	1,030	1,081	1,461	2,638
Oregon.....	1,949	876	<i>442</i>	561	508	910	2,254
Pennsylvania.....	2,660	<i>1,662</i>	1,911	2,109	2,202	2,438	2,834
Virginia.....	683	157	159	251	471	361	313
Washington.....	2,785	<i>1,220</i>	1,253	1,300	1,303	1,961	2,159
Wisconsin.....	2,993	<i>703</i>	802	787	1,123	1,455	7,098

STATE.	NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY.						Per cent mini- mum forms of maxi- mum.
	July.	August.	Sep- tember.	October.	Novem- ber.	Decem- ber.	
United States:							
1921.....	79,867	118,059	127,702	89,822	61,632	38,594	19.5
1919.....	122,414	169,455	198,047	161,452	87,333	57,681	18.0
1914.....	89,183	143,042	185,724	141,670	69,626	41,446	15.0
California.....	21,461	38,561	34,001	21,982	14,319	8,145	10.5
Illinois.....	3,024	6,512	5,738	3,541	2,688	2,253	26.5
Indiana.....	1,830	5,396	6,905	4,393	2,140	1,360	9.1
Iowa.....	713	2,789	2,284	1,148	567	344	9.3
Kentucky.....	598	<i>937</i>	1,162	870	596	420	24.4
Louisiana.....	392	998	1,257	1,368	1,150	377	15.1
Maine.....	1,610	3,351	6,791	5,418	4,273	1,320	8.6
Maryland.....	3,075	9,704	11,878	6,122	2,208	1,451	8.6
Massachusetts.....	1,237	<i>1,196</i>	1,260	1,365	1,450	1,292	77.9
Michigan.....	3,318	3,776	4,803	2,613	1,079	595	9.0
Mississippi.....	154	1,011	1,330	1,411	1,438	1,215	8.3
Missouri.....	739	1,355	1,560	948	408	304	10.4
New Jersey.....	1,529	3,235	4,850	3,145	2,678	2,602	25.5
New York.....	10,176	10,571	11,763	10,582	7,463	4,893	28.8
Ohio.....	1,570	3,437	4,380	2,285	2,456	1,211	20.2
Oregon.....	3,708	2,818	3,282	3,031	2,948	2,054	11.9
Pennsylvania.....	3,158	3,693	4,253	3,492	2,351	1,834	39.1
Virginia.....	507	1,321	1,916	1,865	740	<i>146</i>	7.6
Washington.....	3,627	4,341	5,422	4,396	3,782	2,655	22.5
Wisconsin.....	11,735	4,221	3,620	2,069	1,396	893	6.0

TABLE 5.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR THE INDUSTRY AS A WHOLE, FOR THE UNITED STATES: 1921, 1919, AND 1914.

CLASS OF ESTABLISHMENT ACCORDING TO VALUE OF PRODUCT.	ESTABLISH- MENTS.		WAGE EARNERS.		VALUE OF PRODUCTS.	
	Num- ber.	Per cent distrib- ution.	Average number.	Per cent distrib- ution.	Amount.	Per cent distrib- ution.
All classes:						
1921.....	12,676	100.0	160,262	100.0	1 \$402,905,253	100.0
1919.....	4,280	100.0	89,923	100.0	628,287,925	100.0
1914.....	4,220	100.0	74,071	100.0	243,439,859	100.0
Less than \$5,000:						
1921.....	451	16.9	587	1.0	1,073,807	0.3
1919.....	933	21.8	1,233	1.4	2,217,181	0.4
1914.....	1,626	38.5	3,255	4.4	3,195,667	1.3
\$5,000 to \$20,000:						
1921.....	571	21.3	2,738	4.5	6,519,220	1.6
1919.....	1,080	25.2	5,092	5.7	11,871,579	1.9
1914.....	1,142	27.1	8,090	10.9	12,391,999	5.1
\$20,000 to \$100,000:						
1921.....	926	34.6	12,221	20.3	46,014,476	11.4
1919.....	1,209	28.2	15,355	17.1	58,224,225	9.3
1914.....	937	22.2	18,345	24.8	42,783,417	17.6
\$100,000 to \$500,000:						
1921.....	569	21.3	22,193	36.8	122,572,926	30.4
1919.....	803	18.8	29,213	32.5	173,751,360	27.7
1914.....	435	10.3	33,272	44.9	92,018,266	37.8
\$500,000 to \$1,000,000:						
1921.....	96	3.6	9,200	15.3	67,252,297	16.7
1919.....	138	3.2	12,656	14.1	95,675,902	15.2
1914.....	51	1.2	(³)	(³)	35,166,652	14.4
\$1,000,000 and over:						
1921.....	63	2.4	13,323	22.1	159,472,527	39.6
1919.....	117	2.7	26,374	29.3	286,547,678	45.6
1914.....	29	0.7	11,109	15.0	57,883,858	23.8

¹ The data for the 451 establishments in the "Less than \$5,000" class are not included in other tables for this industry. (See footnote 1, Table 2.)

² Includes "\$500,000 to \$1,000,000" class.

³ Included in "\$100,000 to \$500,000" class.

TABLE 6.—SIZE, NUMBER, DIMENSIONS, AND APPROXIMATE CAPACITY OF CANS.

SIZE, NO. ¹	Outside diameter or length and breadth.	Outside height.	CONTENTS.		
			Kind.	Approximate volume.	Approximate weight.
	Inches.	Inches.		<i>Cu. in.</i>	<i>Lbs. Oz.</i>
1.....	3½ by 4½	1½	Sardines.....	7	3½
2.....	3½ by 4½	2	Tuna fish.....	14½	7
3.....	3½ by 4½	1½	Sardines.....	21	11
1.....	2½ by 4½	4	Oysters and clams.....	19	2 5
1.....	2½ by 4½	4	Shrimp.....	19	4½
1-lb.—flat.....	4	2½	Tuna fish.....	25	13
1-lb.—salmon.....	3	4½	Salmon.....	27	15½
1.....	2½ by 4½	4	Soups.....	19	10½
1.....	2½ by 4½	4	Fruits and vegetables.....	19	10
2.....	3½ by 4½	4½	Fruits and vegetables.....	37	1 4
2½.....	4	4½	Fruits and vegetables.....	52	1 14
3 (4½").....	4½	4½	Fruits and vegetables.....	61	2 1
3 (5").....	4½	5	Fruits and vegetables.....	63	2 2
3 (5½").....	4½	5½	Fruits and vegetables.....	69	2 6
10.....	6½ by 6½	7	Fruits and vegetables.....	189	6 10

¹ In the compilation of Tables 7 to 12, inclusive, the quantities of the several classes of products have been reduced to standard cases of the following capacities: Sardines, No. 1 cans, 100 to the case; tuna fish, No. 2 cans, 48 to the case; salmon, shrimp, oysters, and clams, No. 1 cans, 48 to the case; soups, No. 1 cans, 48 to the case; asparagus, apricots, peaches, and pears, No. 2½ cans, 24 to the case; and all other fruits and vegetables, No. 2 or No. 3 cans, 24 to the case, as indicated in Table 8.

² Not including weight of liquid.

³ The fruits usually packed in the No. 2½ cans and the tomato and other pulps usually packed in the No. 10 cans are slightly heavier in proportion to their volume than the average of the contents of the other sizes of cans.

TABLE 7.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921 AND 1919.

[Data for subsidiary products from other industries are included. See Table 9.]

CLASS.	QUANTITY.		VALUE.		PER CENT OF TOTAL.		PER CENT OF DECREASE, 1919-1921.	
	1921	1919	1921	1919	1921	1919	Quantity.	Value.
Total value.....			\$408,100,350	\$639,771,083	100.0	100.0	.....	-36.2
Canned vegetables and soups (standard cases)....	45,047,891	63,316,116	118,188,043	176,431,307	29.0	27.6	-28.9	-33.0
Canned fruits (standard cases).....	12,516,014	21,432,393	56,567,777	127,949,357	13.9	20.0	-41.6	-55.8
Dried fruits (pounds).....	504,904,475	615,408,528	71,172,808	85,401,265	17.4	13.3	-18.0	-16.7
Dried vegetables (pounds).....	3,776,240	10,345,821	453,149	2,642,655	0.1	0.4	-63.5	-82.9
Canned fish, oysters, etc. (standard cases).....	4,899,897	10,345,206	26,349,980	53,186,286	6.5	8.3	-52.6	-50.5
Smoked fish (pounds).....	26,134,271	32,243,591	4,544,985	5,371,833	1.1	0.8	-18.9	-15.4
Salted and pickled fish (pounds).....	56,878,089	111,655,326	5,156,263	18,203,800	1.3	2.9	-49.1	-71.7
Pickles, preserves, and sauces.....			120,726,696	155,960,971	29.6	24.4	.....	-22.6
All other products.....			4,940,649	14,623,609	1.2	2.3	.....	-66.2

TABLE 8.—CANNED VEGETABLES, SOUPS, AND FRUITS—NUMBER OF CASES PACKED, WITH EQUIVALENT IN CASES OF STANDARD CANS, FOR THE UNITED STATES: 1921.

PRODUCT.	Stand- ard size of can.	Equivalent total cases of standard-size cans. ¹	Actual total.	NUMBER OF CASES OF—	
				No. 1 size cans.	No. 2 size cans.
Aggregate number of cases.....		57,563,905	58,206,104	9,885,755	30,841,700
Canned vegetables, total.....		38,186,041	39,270,932	1,776,679	29,352,315
Asparagus.....	2½	739,853	907,259	515,631	81,224
Beans.....	2	11,315,822	10,892,356	462,680	9,201,431
Beets.....	3	390,720	405,770	1,993	100,286
Corn.....	2	9,010,660	8,971,094	88,844	8,744,541
Peas.....	2	8,222,181	8,102,844	179,473	7,579,507
Sweet potatoes.....	3	622,827	700,882	12,902	115,983
Spinach.....	3	581,030	590,678	7,612	65,972
Tomatoes.....	3	4,133,654	5,294,925	396,557	2,878,841
Other canned vegetables.....	3	3,169,294	3,405,124	110,987	584,530
Canned soups ²	1	6,861,850	6,861,850	6,840,957	12,808
Canned fruits, total.....		12,516,014	12,073,322	1,268,119	1,476,577
Apples.....	3	2,239,428	1,834,394		169,396
Apricots.....	2½	1,056,857	1,075,204	125,814	35,596
Berries.....	2	1,257,379	1,120,818	26,711	559,339
Cherries.....	2	779,602	656,412	80,571	187,953
Peaches.....	2½	5,417,213	5,654,264	755,676	326,965
Pears.....	2½	1,165,204	1,246,709	228,696	106,921
Other canned fruits.....	2	600,331	485,521	50,651	90,407

PRODUCT.	Stand- ard size of cans.	NUMBER OF CASES OF—					
		No. 2½ size cans.	No. 3 size, 4½-inch cans.	No. 3 size, 5-inch cans.	No. 3 size, 5½-inch cans.	No. 10 size cans. ³	Special sizes.
Aggregate number of cases.....		7,945,554	2,863,796	677,424	254,393	5,128,933	608,549
Canned vegetables, total.....		2,269,537	2,788,706	635,112	252,141	1,628,442	568,000
Asparagus.....	2½	253,035	8,519	404		20,079	28,367
Beans.....	2	124,354	207,402	367,088	36,842	272,216	220,333
Beets.....	3	12,557	187,703	27,929	4,384	70,918	
Corn.....	2	22,663	7,907	4,869		96,464	5,806
Peas.....	2	74,946	31,337	70,088	1,591	151,419	14,483
Sweet potatoes.....	3	278,898	194,144	11,982	73,400	13,573	
Spinach.....	3	245,728	99,807	7,363	2,534	160,444	1,218
Tomatoes.....	3	436,384	923,211	113,179	49,887	390,913	105,953
Other canned vege- tables.....	3	820,972	1,128,676	32,200	83,503	452,416	191,840
Canned soups ²	1					8,085	
Canned fruits, total.....		5,676,017	75,090	42,312	2,252	3,492,406	40,549
Apples.....	3	43,298	30,749	31,932		1,556,381	2,638
Apricots.....	2½	633,091	2,130			275,033	3,540
Berries.....	2	13,806	15,911	2,337		488,060	14,654
Cherries.....	2	173,619	1,309			212,354	606
Peaches.....	2½	3,845,344	16,696	7,851		692,073	9,659
Pears.....	2½	767,526	6,996	192	576	134,150	1,652
Other canned fruits.....	2	199,333	1,299		1,676	134,355	7,800

¹ 24 cans to the case, except as specified in notes 2 and 3.² 48 cans to the case.³ 6 cans to the case.

TABLE 9.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921, 1919, AND 1914.

CLASS AND KIND.	1921	1919	1914
Total value.....	\$408,100,350	\$639,771,083	\$249,791,129
The canning and preserving industry....	\$401,831,446	\$628,287,925	\$243,439,859
Subsidiary products, other industries 1..	\$6,268,904	\$11,483,158	\$6,351,270
FRUITS, VEGETABLES, AND SOUPS.			
Total value.....	\$246,381,777	\$392,424,584	\$151,959,810
The canning and preserving industry....	\$246,187,353	\$389,153,687	\$149,633,706
Other industries.....	\$194,424	\$3,270,897	\$2,326,104
Canned vegetables:			
Standard cases.....	38,186,041	57,471,295	50,258,674
Value.....	\$104,603,595	\$164,573,590	\$84,413,667
The canning and preserving industry—			
Standard cases.....	38,144,422	57,036,272	49,339,694
Value.....	\$104,485,907	\$163,268,521	\$82,397,458
Other industries—			
Standard cases.....	41,619	435,023	918,980
Value.....	\$117,688	\$1,305,069	\$2,016,209
Beans—			
Standard cases 2.....	11,315,822	14,824,232	8,994,302
Value.....	\$30,711,958	\$39,408,603	\$16,565,021
Corn—			
Standard cases 2.....	9,010,660	14,402,725	9,919,950
Value.....	\$19,549,766	\$35,532,007	\$13,923,057
Peas—			
Standard cases 2.....	8,222,181	9,325,727	8,826,284
Value.....	\$22,953,181	\$25,073,220	\$15,089,047
Tomatoes—			
Standard cases 3.....	4,133,654	11,836,476	16,200,302
Value.....	\$12,508,654	\$38,067,999	\$25,532,217
Asparagus—			
Standard cases 4.....	739,853	1,006,604	637,601
Value.....	\$5,137,372	\$6,571,629	\$2,790,817
Spinach—			
Standard cases 3.....	581,030	676,388	391,790
Value.....	\$2,086,839	\$2,338,497	\$736,686
Sweet potatoes—			
Standard cases 4.....	622,827	745,861	454,415
Value.....	\$1,807,735	\$2,477,719	\$736,759
Beets—			
Standard cases 3.....	390,720	584,309	251,632
Value.....	\$1,203,464	\$1,951,344	\$511,900
All other canned vegetables—			
Standard cases 3.....	3,169,294	4,068,973	4,582,398
Value.....	\$8,644,626	\$13,152,572	\$8,528,163
Canned soups:			
Standard cases 5.....	6,861,850	5,844,821	4,886,098
Value.....	\$13,584,448	\$11,857,717	\$7,877,057
The canning and preserving industry—			
Standard cases.....	6,861,850	5,844,821	4,876,451
Value.....	\$13,584,448	\$11,857,717	\$7,562,436
Other industries—			
Standard cases.....			9,647
Value.....			\$14,621
Canned fruits:			
Standard cases.....	12,516,014	21,432,393	9,449,182
Value.....	\$56,567,777	\$127,949,357	\$24,897,174
The canning and preserving industry—			
Standard cases.....	12,509,292	21,207,071	9,363,636
Value.....	\$56,534,589	\$126,999,988	\$24,765,530
Other industries—			
Standard cases.....	6,722	225,322	85,546
Value.....	\$33,188	\$949,369	\$131,644
Peaches—			
Standard cases 4.....	5,417,213	7,706,855	3,407,906
Value.....	\$23,865,076	\$46,516,225	\$9,585,773

¹ Not including slaughtering and meat packing nor the manufacture of condensed and evaporated milk, sirups, and peanut butter. (See Table 12.)

² Standard case contains 24 No. 2 cans. (See Table 8.)

³ Standard case contains 24 No. 3 cans. (See Table 8.)

⁴ Standard case contains 24 No. 2½ cans. (See Table 8.)

⁵ Standard case contains 48 No. 1 cans. (See Table 8.)

TABLE 9.—PRODUCTS BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921, 1919, AND 1914—Continued.

CLASS AND KIND.	1921	1919	1914
FRUITS, VEGETABLES, AND SOUPS—continued.			
Canned fruits—Continued.			
Apples—			
Standard cases ¹	2,239,428	2,447,927	1,514,939
Value.....	\$7,747,923	\$9,081,598	\$2,392,289
Berries—			
Standard cases ²	1,257,379	2,347,213	1,333,449
Value.....	\$5,783,116	\$16,449,126	\$3,102,245
Pears—			
Standard cases ³	1,165,204	2,021,610	1,062,672
Value.....	\$7,538,673	\$14,202,963	\$3,853,700
Apricots—			
Standard cases ³	1,056,857	3,939,768	1,051,816
Value.....	\$4,314,132	\$25,167,772	\$3,060,626
Cherries—			
Standard cases ²	779,602	1,362,832	543,213
Value.....	\$4,481,083	\$8,451,029	\$1,628,975
Other canned fruits—			
Standard cases ²	600,331	1,606,188	535,187
Value.....	\$2,837,774	\$8,080,644	\$1,273,566
Dried fruits:			
Pounds.....	504,904,475	615,408,528	568,587,364
Value.....	\$71,172,808	\$85,401,265	\$34,771,912
The canning and preserving industry—			
Pounds.....	504,496,566	612,823,741	566,769,879
Value.....	\$71,129,260	\$85,135,256	\$34,608,282
Other industries—			
Pounds.....	407,909	2,584,787	1,817,485
Value.....	\$43,548	\$266,009	\$163,630
Raisins—			
Pounds.....	275,282,354	293,300,581	226,043,959
Value.....	\$47,561,535	\$35,544,262	\$13,938,645
Prunes—			
Pounds.....	124,441,676	136,377,066	139,091,887
Value.....	\$10,097,515	\$18,253,691	\$9,004,348
Peaches—			
Pounds.....	35,406,706	73,379,193	61,907,251
Value.....	\$4,165,932	\$12,109,624	\$2,915,595
Apples—			
Pounds.....	22,975,189	46,623,499	54,957,003
Value.....	\$2,799,891	\$6,772,080	\$2,889,406
Apricots—			
Pounds.....	21,812,008	24,192,628	39,397,294
Value.....	\$3,385,044	\$6,034,697	\$3,615,857
All other dried fruits—			
Pounds.....	24,986,542	41,535,561	47,189,970
Value.....	\$3,162,891	\$6,686,911	\$2,408,061
Dried vegetables:			
Pounds.....	3,776,240	10,345,821	(⁴)
Value.....	\$453,149	\$2,642,655	(⁴)
The canning and preserving industry—			
Pounds.....	3,776,240	7,344,021	(⁴)
Value.....	\$453,149	\$1,892,205	(⁴)
Other industries—			
Pounds.....		3,001,800	(⁴)
Value.....		\$750,450	(⁴)

¹ Standard case contains 24 No. 3 cans. (See table 8.)² Standard case contains 24 No. 2 cans. (See table 8.)³ Standard case contains 24 No. 2½ cans. (See table 8.)⁴ Not reported separately.

TABLE 9.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921, 1919, AND 1914—Continued.

CLASS AND KIND.	1921	1919	1914
FISH AND OYSTERS.			
Total value.....	\$36,051,228	\$76,761,919	\$33,332,822
The canning and preserving industry....	35,969,945	76,285,796	32,806,841
Other industries.....	81,283	476,123	525,981
Canned fish, oysters, etc.:			
Standard cases.....	4,899,897	10,345,206	8,788,104
Value.....	\$26,349,980	\$53,186,286	\$22,401,004
The fish and oyster industry—			
Standard cases.....	4,887,594	10,279,785	8,771,860
Value.....	\$26,297,590	\$52,859,180	\$22,303,854
Other industries—			
Standard cases.....	12,303	65,421	16,244
Value.....	\$52,390	\$327,106	\$97,150
Salmon—			
Standard cases ¹	1,249,837	2,186,004	1,515,300
Value.....	\$8,626,711	\$19,113,204	\$8,712,695
Sardines—			
Standard cases ²	1,702,035	5,777,959	5,012,199
Value.....	\$6,649,386	\$20,258,565	\$6,238,933
Shrimp—			
Standard cases ¹	632,702	322,076	459,877
Value.....	\$3,683,992	\$1,864,793	\$1,725,621
Tuna—			
Standard cases ³	360,204	874,380	437,090
Value.....	\$2,584,226	\$5,710,188	\$1,638,675
Oysters—			
Standard cases ¹	463,704	717,636	944,639
Value.....	\$2,016,829	\$3,510,119	\$2,676,951
Clams—			
Standard cases ¹	195,422	157,843	185,186
Value.....	\$1,119,806	\$772,870	\$670,363
All other canned fish, oysters, etc.—			
Standard cases.....	295,993	309,308	235,813
Value.....	\$1,669,030	\$1,956,547	\$737,706
Smoked fish:			
Pounds.....	26,134,271	32,243,591	28,713,806
Value.....	\$4,544,985	\$5,371,833	\$2,759,341
The fish and oyster industry—			
Pounds.....	26,134,271	31,397,919	27,426,726
Value.....	\$4,544,985	\$5,287,599	\$2,642,131
Other industries—			
Pounds.....		845,672	1,287,080
Value.....		\$84,234	\$117,210
Salted and pickled fish:			
Pounds.....	56,878,089	111,655,326	131,149,037
Value.....	\$5,156,263	\$18,203,800	\$8,172,477
The fish and oyster industry—			
Pounds.....	55,892,209	110,359,666	128,333,485
Value.....	\$5,127,370	\$18,139,017	\$7,860,856
Other industries—			
Pounds.....	985,880	1,295,660	2,815,552
Value.....	\$28,893	\$64,783	\$311,621
PICKLES, PRESERVES, AND SAUCES.			
Total value.....	\$120,726,696	\$155,960,971	\$60,136,959
Preserves.....	\$40,035,655	\$74,851,134	\$14,833,288
Pickles and sauces.....	\$30,691,041	\$81,109,837	\$45,303,671
The canning and preserving industry:			
Preserves.....	\$38,046,432	\$69,655,403	\$13,261,576
Pickles and sauces.....	\$76,687,067	\$78,569,430	\$43,376,198
Other industries:			
Preserves.....	\$1,989,223	\$5,195,731	\$1,571,712
Pickles and sauces.....	\$4,003,974	\$2,540,407	\$1,927,473
All other products of the canning and preserv- ing industry.....	\$4,940,649	\$14,623,609	\$4,361,538

¹ Standard case contains 48 No. 1 cans. (See Table 6.)² Standard case contains 100 No. 1 cans. (See Table 6.)³ Standard case contains 48 No. 1 cans. (See Table 6.)

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR PRINCIPAL STATES: 1921.

PRODUCT AND STATE.	Quantity.	Value.	PRODUCT AND STATE.	Quantity.	Value.
CANNED VEGETABLES.	<i>Standard cases.</i>	<i>Dollars.</i>	CANNED VEGETABLES—CON.	<i>Standard cases.</i>	<i>Dollars.</i>
Asparagus.....	¹ 739, 853	5, 137, 372	Sweet potatoes—Con.		
California.....	733, 428	5, 077, 795	Georgia.....	48, 498	124, 145
All other States.....	6, 425	59, 577	Maryland.....	106, 648	250, 576
Beans.....	² 11, 315, 822	30, 711, 958	Mississippi.....	45, 747	131, 584
California.....	153, 875	447, 346	Tennessee.....	9, 504	30, 136
Colorado.....	114, 115	293, 273	Texas.....	16, 942	50, 125
Delaware.....	124, 414	308, 048	Virginia.....	189, 732	396, 064
Illinois.....	703, 257	1, 396, 337	All other States.....	86, 785	246, 467
Indiana.....	1, 332, 192	2, 716, 795	Spinach.....	³ 581, 030	2, 086, 839
Iowa.....	291, 919	564, 710	California.....	372, 951	1, 441, 782
Maine.....	385, 059	898, 311	Maryland.....	152, 399	429, 593
Maryland.....	559, 057	1, 295, 854	New York.....	28, 870	124, 270
Michigan.....	541, 413	1, 700, 122	Ohio.....	7, 289	22, 445
Minnesota.....	15, 680	54, 752	All other States.....	19, 521	68, 749
Mississippi.....	15, 455	31, 679	Tomatoes.....	³ 4, 133, 654	12, 508, 654
New Jersey.....	3, 865, 589	11, 448, 785	Arkansas.....	50, 533	101, 697
New York.....	723, 226	2, 639, 428	California.....	500, 204	1, 506, 500
Ohio.....	134, 314	377, 922	Colorado.....	59, 757	206, 460
Oregon.....	9, 910	22, 510	Connecticut.....	11, 564	39, 309
Pennsylvania.....	1, 797, 040	5, 108, 050	Delaware.....	155, 275	430, 186
Tennessee.....	35, 844	70, 120	Illinois.....	23, 029	60, 152
Texas.....	11, 360	26, 323	Indiana.....	490, 754	1, 452, 785
Utah.....	30, 211	83, 137	Iowa.....	61, 140	152, 851
Virginia.....	112, 336	277, 861	Kentucky.....	31, 525	96, 681
Washington.....	31, 545	96, 685	Maryland.....	1, 631, 303	5, 051, 498
Wisconsin.....	218, 623	587, 381	Michigan.....	34, 445	99, 092
All other States.....	109, 388	266, 529	Missouri.....	124, 182	364, 684
Beets.....	³ 390, 720	1, 203, 464	New Jersey.....	124, 705	353, 034
Maryland.....	11, 208	29, 108	New York.....	209, 156	761, 676
Michigan.....	14, 061	47, 731	Ohio.....	73, 635	281, 066
New Jersey.....	3, 556	9, 917	Pennsylvania.....	159, 879	447, 490
New York.....	125, 721	488, 254	Tennessee.....	46, 122	127, 979
Washington.....	5, 095	18, 812	Utah.....	127, 009	355, 152
Wisconsin.....	172, 211	389, 237	Virginia.....	123, 250	325, 086
All other States.....	58, 868	220, 405	West Virginia.....	39, 732	102, 727
Corn.....	² 9, 010, 660	19, 549, 766	All other States.....	56, 435	192, 549
Illinois.....	1, 767, 517	4, 049, 940	All other canned vegetables.....	³ 3, 169, 294	8, 644, 626
Indiana.....	698, 043	1, 359, 486	California.....	287, 421	1, 149, 682
Iowa.....	1, 106, 963	2, 140, 821	Colorado.....	25, 842	75, 810
Maine.....	745, 559	2, 187, 918	Delaware.....	39, 251	125, 796
Maryland.....	1, 145, 620	2, 127, 893	Illinois.....	202, 946	438, 296
Michigan.....	125, 435	355, 337	Indiana.....	783, 102	1, 848, 160
Minnesota.....	622, 778	1, 192, 967	Iowa.....	167, 649	339, 214
Nebraska.....	139, 454	221, 997	Louisiana.....	65, 462	242, 565
New Hampshire.....	46, 226	137, 730	Maine.....	26, 921	102, 862
New York.....	530, 507	1, 546, 668	Maryland.....	111, 640	389, 429
Ohio.....	954, 270	1, 680, 492	Michigan.....	84, 630	271, 196
Pennsylvania.....	232, 201	471, 045	New Jersey.....	167, 973	418, 841
Vermont.....	163, 300	470, 261	New York.....	412, 520	1, 213, 134
Wisconsin.....	602, 530	1, 313, 544	Ohio.....	302, 639	776, 652
All other States.....	130, 257	293, 667	Oregon.....	33, 141	84, 662
Peas.....	² 8, 222, 181	22, 953, 181	Vermont.....	4, 775	11, 019
California.....	95, 789	306, 025	Washington.....	39, 520	144, 807
Colorado.....	176, 848	535, 977	Wisconsin.....	237, 911	547, 132
Delaware.....	373, 229	803, 060	All other States.....	175, 951	465, 396
Illinois.....	² 341, 476	940, 656	CANNED FRUITS.		
Indiana.....	153, 844	319, 923	Apples.....	³ 2, 239, 428	7, 747, 923
Maryland.....	661, 109	1, 488, 409	California.....	68, 092	282, 363
Michigan.....	282, 819	902, 780	Colorado.....	50, 987	103, 908
Minnesota.....	61, 609	170, 868	Idaho.....	38, 078	147, 026
New Jersey.....	17, 531	54, 385	Maine.....	301, 855	1, 054, 939
New York.....	1, 178, 117	4, 066, 385	Maryland.....	93, 959	264, 447
Ohio.....	238, 561	757, 431	Michigan.....	141, 705	533, 084
Pennsylvania.....	67, 695	181, 306	New York.....	601, 237	2, 281, 939
Utah.....	392, 312	1, 137, 087	Oregon.....	279, 751	712, 159
Wisconsin.....	4, 092, 529	11, 076, 438	Pennsylvania.....	100, 426	314, 525
All other States.....	88, 713	212, 451	Utah.....	27, 383	98, 143
Sweet potatoes.....	³ 622, 827	1, 807, 735	Virginia.....	18, 600	78, 254
California.....	94, 957	492, 295	Washington.....	439, 969	1, 589, 907
Delaware.....	24, 014	86, 343	All other States.....	77, 386	287, 229

¹ Standard case contains 24 No. 2½ cans. (See Table 8.)² Standard case contains 24 No. 2 cans. (See Table 8.)³ Standard case contains 24 No. 3 cans. (See Table 8.)

TABLE 10.—PRODUCTS, BY CLASS, KIND, QUANTITY, AND VALUE, FOR PRINCIPAL STATES: 1921—Continued.

PRODUCT AND STATE.	Quantity.	Value.	PRODUCT AND STATE.	Quantity.	Value.
CANNED FRUITS—con.			DRIED FRUITS—con.		
	<i>Standard cases.</i>	<i>Dollars.</i>		<i>Pounds.</i>	<i>Dollars.</i>
Apricots.....	¹ 1,056, 857	4, 314, 132	Raisins.....	275, 282, 354	47, 561, 535
California.....	1, 056, 857	4, 314, 132	California.....	275, 282, 354	47, 561, 535
Berries.....	² 1, 257, 379	5, 783, 116	All other dried fruits.....	24, 986, 542	3, 162, 891
California.....	122, 663	643, 262	California.....	21, 054, 306	2, 674, 895
Maine.....	67, 279	436, 596	Oregon.....	1, 152, 160	295, 297
Maryland.....	9, 414	42, 839	All other States.....	2, 780, 076	192, 699
Michigan.....	136, 366	595, 471	Dried vegetables.....	3, 776, 240	453, 149
New Jersey.....	12, 878	57, 154	CANNED FISH, OYSTERS, ETC.		
New York.....	89, 419	495, 189		<i>Standard cases.</i>	
Oregon.....	476, 205	1, 810, 463	Clams.....	⁴ 195, 422	1, 119, 806
Texas.....	36, 068	180, 342	Maine.....	78, 997	435, 202
Washington.....	278, 150	1, 397, 192	Washington.....	73, 998	419, 076
All other States.....	28, 937	124, 608	All other States.....	42, 427	265, 528
Cherries.....	² 779, 602	4, 481, 083	Oysters.....	⁴ 463, 704	2, 016, 829
California.....	226, 190	1, 189, 414	Mississippi.....	163, 892	756, 252
Colorado.....	36, 859	176, 200	All other States.....	299, 812	1, 260, 577
Michigan.....	81, 693	645, 757	Salmon.....	⁴ 1, 249, 837	8, 626, 711
New York.....	201, 201	190, 710	Oregon.....	340, 116	2, 862, 921
Oregon.....	198, 918	862, 559	Washington.....	909, 721	5, 763, 790
Utah.....	7, 699	39, 421	Sardines.....	⁵ 1, 702, 035	6, 649, 386
Washington.....	50, 945	275, 439	California.....	430, 329	2, 696, 126
All other States.....	156, 997	1, 101, 583	Maine.....	1, 271, 706	3, 953, 260
Peaches.....	¹ 5, 417, 213	23, 865, 076	Shrimp.....	⁴ 632, 702	3, 683, 992
California.....	5, 332, 153	23, 425, 109	Alabama.....	63, 296	310, 834
Michigan.....	24, 218	107, 092	Florida.....	77, 061	435, 580
New York.....	11, 953	91, 755	Georgia.....	71, 415	400, 229
Utah.....	7, 630	38, 148	Louisiana.....	255, 466	1, 500, 375
All other States.....	41, 259	202, 972	Mississippi.....	165, 464	1, 036, 974
Pears.....	¹ 1, 165, 204	7, 538, 673	Tuna.....	⁶ 360, 204	2, 584, 226
California.....	780, 791	5, 185, 224	California.....	360, 204	2, 584, 226
Maryland.....	6, 766	30, 706	All other canned fish, oys- ters, etc.....	295, 993	1, 669, 030
Michigan.....	15, 805	68, 778	California.....	63, 867	405, 964
New York.....	53, 168	367, 727	All other States.....	232, 126	1, 263, 066
Oregon.....	145, 245	983, 025	CURED FISH.		
Washington.....	159, 412	883, 697		<i>Pounds.</i>	
All other States.....	4, 017	19, 516	Smoked fish.....	26, 134, 271	4, 544, 985
All other canned fruit.....	² 600, 331	2, 837, 774	California.....	623, 000	35, 840
California.....	403, 814	2, 230, 012	Illinois.....	1, 437, 606	266, 620
Maine.....	12, 235	61, 520	Louisiana.....	371, 965	93, 085
New York.....	48, 605	192, 923	Maine.....	3, 248, 888	318, 777
Oregon.....	106, 892	256, 234	Maryland.....	544, 282	162, 285
Washington.....	21, 673	70, 762	Massachusetts.....	9, 018, 297	776, 713
All other States.....	7, 112	26, 323	New York.....	7, 451, 949	2, 368, 995
Canned soup.....	³ 6, 861, 850	13, 584, 448	Oregon.....	233, 353	46, 606
DRIED FRUITS.			Washington.....	1, 472, 016	194, 803
	<i>Pounds.</i>		Wisconsin.....	535, 135	59, 082
Apples.....	22, 975, 189	2, 799, 891	All other States.....	1, 197, 780	222, 179
California.....	15, 075, 644	1, 636, 183	Salted or pickled fish.....	56, 878, 089	5, 156, 263
New York.....	3, 039, 925	374, 427	California.....	2, 561, 251	452, 082
Oregon.....	1, 378, 244	392, 452	Maine.....	7, 028, 037	517, 909
Washington.....	1, 924, 742	253, 864	Maryland.....	759, 335	30, 930
All other States.....	1, 526, 634	142, 965	Massachusetts.....	31, 872, 641	2, 749, 530
Apricots.....	21, 812, 008	3, 385, 044	New York.....	1, 208, 548	283, 279
California.....	21, 812, 008	3, 385, 044	Oregon.....	1, 773, 717	435, 253
Peaches.....	35, 406, 705	4, 165, 932	Virginia.....	4, 717, 486	115, 432
California.....	35, 406, 706	4, 165, 932	Washington.....	3, 008, 215	326, 641
Prunes.....	124, 441, 676	10, 097, 515	Wisconsin.....	688, 710	34, 283
California.....	107, 138, 122	8, 331, 992	All other States.....	3, 260, 149	210, 924
Oregon.....	14, 039, 179	1, 386, 762			
All other States.....	3, 264, 375	378, 761			

¹ Standard case contains 24 No. 2½ cans. (See Table 8.)² Standard case contains 24 No. 2 cans. (See Table 8.)³ Standard case contains 48 No. 1 cans. (See Table 8.)⁴ Standard case contains 48 No. 1 cans. (See Table 6.)⁵ Standard case contains 100 No. ¼ cans. (See Table 6.)⁶ Standard case contains 48 No. ½ cans. (See Table 6.)

TABLE 11.—PRODUCTS, BY CLASS, QUANTITY, AND VALUE,

[Data for subsidiary products from other

1	DIVISION AND STATE.	Total value.	Per cent distribution.	CANNED VEGETABLES AND SOUPS.		CANNED FRUITS.	
				Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Standard cases.</i>	<i>Dollars.</i>	<i>Standard cases.</i>	<i>Dollars.</i>
1	UNITED STATES.....	408,100,350	100.0	45,047,891	118,188,043	12,516,014	56,567,777
2	NEW ENGLAND.....	21,315,309	5.2	1,433,007	3,984,370	391,376	1,592,795
3	Maine.....	10,350,737	2.5	1,158,932	3,193,043	381,369	1,553,055
4	New Hampshire.....	203,070	(2)	54,682	166,581	9,360	36,489
5	Vermont.....	551,144	0.1	195,679	550,144	175	1,000
6	Massachusetts.....	9,659,656	2.4	6,097	18,291	.....	.....
7	Connecticut and Rhode Island. ³	550,702	0.1	17,617	56,311	472	2,251
8	MIDDLE ATLANTIC.....	102,956,216	25.2	16,138,420	42,225,780	944,561	4,027,006
9	New York.....	48,530,882	11.9	3,223,687	10,899,655	824,716	3,620,543
10	New Jersey.....	28,753,161	7.0	10,642,175	25,077,303	16,387	74,289
11	Pennsylvania.....	25,672,173	6.3	2,272,558	6,248,822	103,458	332,174
12	EAST NORTH CENTRAL.....	71,771,928	17.6	15,035,943	36,669,614	533,712	2,927,711
13	Ohio.....	12,178,342	3.0	1,723,945	3,938,980	5,348	24,467
14	Indiana.....	13,377,798	3.3	3,825,590	8,411,777	.....	.....
15	Illinois.....	21,033,099	5.2	3,075,064	7,014,166	1,987	7,042
16	Michigan.....	9,181,914	2.2	1,082,803	3,376,258	400,283	1,953,812
17	Wisconsin.....	16,000,775	3.9	5,328,541	13,928,433	126,094	942,390
18	WEST NORTH CENTRAL.....	14,842,206	3.6	2,705,027	5,456,025	4,439	29,550
19	Minnesota.....	3,172,699	0.8	710,192	1,447,767	3,125	23,750
20	Iowa.....	6,082,828	1.5	1,627,671	3,197,596	.....	.....
21	Missouri.....	4,662,225	1.1	126,825	376,361	1,314	5,800
22	North Dakota and Kansas ³	283,680	0.1	10,752	30,554	.....	.....
23	Nebraska.....	637,774	0.2	229,587	403,747	.....	.....
24	SOUTH ATLANTIC.....	20,825,529	5.1	5,779,868	14,466,779	227,938	816,099
25	Delaware.....	2,074,254	0.5	799,534	1,930,111	667	4,000
26	Maryland and District of Columbia. ³	13,901,941	3.4	4,395,607	11,096,726	120,095	392,903
27	Virginia.....	2,010,919	0.5	436,257	1,035,402	18,600	78,254
28	West Virginia.....	435,367	0.1	39,752	102,727	65,203	239,335
29	North Carolina.....	177,400	(2)	170	510	2,225	6,350
30	South Carolina.....	400,747	0.1	.....	.....	.....	.....
31	Georgia.....	882,386	0.2	83,704	226,772	21,148	95,257
32	Florida.....	942,515	0.2	24,844	74,531	.....	.....
33	EAST SOUTH CENTRAL.....	8,393,474	2.1	355,474	966,310	2,524	8,071
34	Kentucky.....	5,163,345	1.3	37,484	112,046	.....	.....
35	Tennessee.....	562,031	0.1	212,294	543,459	919	4,612
36	Alabama and Mississippi ³	2,668,068	0.7	105,696	310,805	1,605	3,459
37	WEST SOUTH CENTRAL.....	4,825,833	1.2	186,702	534,472	50,308	230,696
38	Arkansas.....	257,367	0.1	73,653	158,209	2,317	12,452
39	Louisiana.....	2,755,646	0.7	84,185	298,246	8,290	19,737
40	Oklahoma and Texas ³	1,812,820	0.4	28,864	75,017	39,701	198,507
41	MOUNTAIN.....	5,599,459	1.4	1,019,034	2,918,882	208,461	797,848
42	Idaho, New Mexico, Arizona, and Montana. ³	621,605	0.2	72,782	170,832	69,290	305,284
43	Colorado.....	3,020,484	0.7	377,235	1,113,931	93,815	301,067
44	Utah.....	1,957,370	0.5	569,017	1,634,119	45,356	191,497
45	PACIFIC.....	157,570,396	38.6	2,394,416	10,965,811	10,152,695	46,138,001
46	Washington.....	13,653,129	3.3	82,867	288,008	955,124	4,244,045
47	Oregon.....	11,748,338	2.9	50,085	135,820	1,207,011	4,624,440
48	California.....	132,168,929	32.4	2,261,464	10,541,983	7,990,560	37,269,516

¹ Includes dried vegetables to the value of \$453,149, not distributed by States in order to avoid disclosing the operations of individual establishments.

BY GEOGRAPHIC DIVISIONS AND STATES: 1921.

industries are included. See Table 9.]

DRIED FRUITS.		CANNED FISH AND OYSTERS.		CURED FISH.		PICKLES, PRESERVES, AND SAUCES.	ALL OTHER PRODUCTS.	
Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Value.	Value.	
<i>Pounds.</i> 504, 904, 475	<i>Dollars.</i> 71, 172, 808	<i>Standard cases.</i> 4, 899, 897	<i>Dollars.</i> 26, 349, 980	<i>Pounds.</i> 83, 012, 360	<i>Dollars.</i> 9, 701, 248	<i>Dollars.</i> 120, 726, 696	<i>Dollars.</i> 5, 393, 798	1
.....	.....	1, 495, 561	5, 054, 613	51, 167, 863	4, 362, 929	6, 182, 389	138, 213	2
.....	.....	1, 415, 524	4, 555, 801	10, 276, 925	836, 686	125, 602	86, 550	3
.....	.....	.....	.....	.....	.....	.....	.....	4
.....	.....	80, 037	498, 812	40, 890, 938	3, 526, 243	5, 572, 356	43, 854	5
.....	.....	.....	.....	.....	.....	484, 431	7, 709	6
.....	.....	.....	.....	.....	.....	.....	.....	7
3, 458, 002	386, 501	6, 327	148, 857	9, 712, 401	2, 875, 315	53, 011, 199	281, 558	8
3, 206, 048	379, 826	6, 327	148, 857	8, 660, 497	2, 652, 274	30, 603, 226	226, 501	9
.....	.....	.....	.....	350, 205	126, 698	3, 467, 960	6, 911	10
251, 954	6, 675	.....	.....	701, 699	96, 343	18, 940, 013	48, 146	11
.....								
1, 353, 607	135, 273	.....	.....	4, 411, 476	430, 307	30, 151, 621	1, 457, 402	12
.....	.....	.....	.....	50, 000	6, 750	8, 172, 257	35, 888	13
.....	.....	.....	.....	.....	.....	4, 211, 174	754, 847	14
872, 783	111, 134	.....	.....	1, 596, 366	276, 939	13, 562, 999	60, 819	15
478, 937	22, 365	.....	.....	1, 541, 265	53, 253	3, 301, 583	474, 643	16
1, 887	1, 774	.....	.....	1, 223, 845	93, 365	903, 608	131, 205	17
.....								
.....	.....	.....	.....	.....	.....	9, 356, 231	400	18
.....	.....	.....	.....	.....	.....	1, 700, 782	400	19
.....	.....	.....	.....	.....	.....	2, 885, 232	.....	20
.....	.....	.....	.....	.....	.....	4, 280, 064	.....	21
.....	.....	.....	.....	.....	.....	256, 126	.....	22
.....	.....	.....	.....	.....	.....	234, 027	.....	23
352, 079	18, 879	542, 560	2, 620, 819	7, 677, 103	448, 387	1, 882, 550	572, 016	24
.....	.....	.....	.....	.....	.....	140, 143	.....	25
.....	.....	177, 049	723, 766	2, 249, 617	239, 955	1, 352, 813	95, 778	26
.....								
105, 147	12, 294	34, 887	215, 137	4, 717, 486	115, 432	204, 653	349, 747	27
246, 932	6, 585	.....	.....	.....	.....	53, 517	33, 203	28
.....	.....	23, 874	107, 540	260, 000	57, 000	6, 000	.....	29
.....	.....	95, 754	383, 517	.....	.....	.....	12, 230	30
.....	.....	87, 363	481, 559	.....	.....	.....	78, 798	31
.....	.....	123, 633	704, 300	450, 000	36, 000	125, 424	2, 260	32
.....								
.....	.....	411, 487	2, 204, 124	.....	.....	5, 203, 037	11, 932	33
.....	.....	.....	.....	.....	.....	5, 051, 299	.....	34
.....	.....	.....	.....	.....	.....	13, 990	.....	35
.....	.....	411, 487	2, 204, 124	.....	.....	137, 748	11, 932	36
.....								
722, 550	86, 706	259, 036	1, 518, 582	371, 965	93, 085	2, 350, 469	11, 823	37
722, 550	86, 706	.....	.....	.....	.....	.....	.....	38
.....	.....	259, 036	1, 518, 582	371, 965	93, 085	825, 016	980	39
.....	.....	.....	.....	.....	.....	1, 525, 453	10, 843	40
.....								
928, 125	72, 812	.....	.....	.....	.....	1, 756, 772	53, 145	41
928, 125	72, 812	.....	.....	.....	.....	57, 684	14, 993	42
.....								
.....	.....	.....	.....	.....	.....	1, 569, 303	36, 183	43
.....	.....	.....	.....	.....	.....	129, 785	1, 969	44
498, 090, 112	70, 472, 637	2, 184, 926	14, 802, 985	9, 671, 552	1, 491, 225	10, 832, 428	2, 867, 309	45
5, 540, 628	636, 089	983, 789	6, 193, 458	4, 480, 231	521, 444	1, 455, 867	284, 218	46
16, 780, 344	2, 080, 967	345, 137	2, 897, 007	2, 007, 070	481, 859	971, 894	556, 351	47
475, 769, 140	67, 755, 581	856, 000	5, 712, 520	3, 184, 251	487, 922	8, 374, 667	2, 026, 740	48

¹ Less than one-tenth of 1 per cent.² Combined to avoid disclosing operations of individual establishments.

TABLE 12.—TOTAL PRODUCTION OF CANNED GOODS, BY CLASS, QUANTITY, AND VALUE, FOR THE UNITED STATES: 1921 AND 1919.

[This table shows the production, so far as reported separately, of all classes of canned goods, including meat and other canned food products not belonging to the canning and preserving industry.]

INDUSTRY AND CLASS OF PRODUCT.	1921		1919	
	Quantity.	Value.	Quantity.	Value.
	<i>Standard cases.</i>	<i>Dollars.</i>	<i>Standard cases.</i>	<i>Dollars.</i>
Total value.....		603, 748, 959		1, 099, 475, 395
Canning and preserving industry ¹		403, 159, 701		625, 147, 474
Canned vegetables.....	38, 186, 041	104, 603, 595	57, 471, 295	164, 573, 590
Canned soups.....	6, 861, 850	13, 584, 448	5, 844, 821	11, 857, 717
Canned fruits.....	12, 516, 014	56, 537, 777	21, 432, 393	127, 949, 357
Canned fish, crabs, and shrimps.....	4, 344, 091	24, 254, 467	9, 627, 570	49, 676, 167
Canned oysters and clams.....	555, 806	2, 095, 513	717, 636	3, 510, 119
Pickles, preserves, and sauces.....		120, 726, 696		155, 960, 971
	<i>Pounds.</i>		<i>Pounds.</i>	
Dried fruits.....	504, 904, 475	71, 172, 808	615, 408, 528	85, 401, 265
Dried vegetables.....	3, 776, 240	453, 149	10, 345, 821	2, 642, 655
Cured fish.....	83, 012, 360	9, 701, 248	143, 898, 917	23, 575, 633
Slaughtering and meat-packing industry.....	74, 586, 052	16, 335, 568	466, 864, 392	124, 869, 496
Canned goods ²	74, 586, 052	16, 335, 568	466, 864, 392	124, 869, 496
Other industries.....		184, 253, 690		349, 458, 425
Condensed and evaporated milk.....	1, 758, 540, 487	158, 890, 517	2, 093, 646, 405	293, 177, 134
Sweetening sirups, other than cane.....		20, 689, 624		50, 430, 585
Peanut butter.....		4, 673, 549		5, 850, 706

¹ Includes "Subsidiary products, other industries," as shown in Table 9.

² Principally canned sausage, other meats, and soups.

TABLE 13.—IMPORTS AND EXPORTS OF PRODUCTS OF THE CANNING AND PRESERVING INDUSTRY: 1909 TO 1921.¹

	CALENDAR YEAR—		YEAR ENDED JUNE 30—	
	1921	1919	1914	1909
IMPORTS.				
Total value.....	\$30, 498, 670	\$35, 579, 689	\$24, 489, 072	\$14, 830, 600
Fruits and vegetables, total value.....	\$10, 745, 709	\$7, 578, 970	\$7, 058, 487	\$3, 560, 410
Canned tomatoes—				
Dozen cans.....	516, 123	4, 161	(²)	(²)
Value.....	\$703, 633	\$9, 620	(²)	(²)
Dried fruits—				
Apples, dried, desiccated, evaporated, or prepared in any manner—				
Pounds.....	1, 781, 759	158, 085	27, 740	10, 238
Value.....	\$121, 912	\$27, 942	\$1, 216	\$525
Other dried or prepared fruits, value.....	\$3, 789, 684	\$1, 181, 152	\$1, 432, 886	\$1, 213, 289
Dried vegetables—				
Peas—				
Bushels.....	613, 457	708, 810	592, 021	129, 704
Value.....	\$2, 031, 730	\$2, 537, 182	\$1, 134, 933	\$234, 794
Potatoes—				
Pounds.....	3, 839, 199	1, 888, 697	560, 987	(²)
Value.....	\$155, 164	\$490, 194	\$17, 937	(²)
Other dried or prepared vegetables—				
Pounds.....	28, 115, 241	19, 155, 556	(²)	(²)
Value.....	\$3, 943, 586	\$3, 342, 880	\$4, 471, 515	\$2, 111, 802

¹ Compiled from Foreign Commerce and Navigation of the United States, issued by the Department of Commerce. Imports: Table 9 for 1921, 1919, and 1914; Table 15 for 1909. Exports: Table 6 for 1921, 1919, and 1914; Table 7 for 1909.

² No data.

TABLE 13.—IMPORTS AND EXPORTS OF PRODUCTS OF THE CANNING AND PRESERVING INDUSTRY: 1909 TO 1921—Continued.

	CALENDAR YEAR—		YEAR ENDED JUNE 30—	
	1921	1919	1914	1909
IMPORTS—continued.				
Fish, total value.....	\$14,431,645	\$21,010,614	\$13,157,574	\$8,759,582
Canned salmon—				
Pounds.....	117,133	2,740,572	26,664	4,225
Value.....	\$24,228	\$348,708	\$3,237	\$681
Salted and pickled fish—				
Herring—				
Pounds.....	53,387,490	68,024,884	93,769,564	56,827,442
Value.....	\$3,111,504	\$4,663,693	\$3,373,249	\$1,949,085
Mackerel—				
Pounds.....	15,796,983	19,129,330	31,496,847	29,172,482
Value.....	\$1,209,803	\$2,389,769	\$1,729,718	\$1,543,065
All other—				
Pounds.....	99,317,921	119,552,423	(²)	(²)
Value.....	\$10,086,110	\$13,608,444	\$8,051,370	\$5,266,751
Pickles, preserves, and sauces, total value.....	\$5,321,316	\$6,990,105	\$4,273,011	\$2,510,608
EXPORTS.				
Total value.....	\$57,470,256	\$152,185,802	\$28,048,224	\$5,111,365
Fruits and vegetables, total value.....	\$42,079,844	\$105,537,684	\$17,285,552	\$728,111
Canned vegetables—				
Corn, value.....	\$205,843	\$548,037	} ³ \$1,520,879	} ³ \$728,111
Tomatoes, value.....	\$427,594	\$2,127,896		
All other, value.....	\$1,695,135	\$6,698,834		
Canned soups, value.....	\$1,099,621	\$1,980,624	(²)	(²)
Canned fruits—				
Peaches, value.....	\$4,050,020	\$9,489,850	} ³ \$4,863,946	(²)
Pears, value.....	\$4,062,032	(²)		
Pineapples, value.....	\$2,430,992	(²)		
All other, value.....	\$3,838,377	\$31,985,772		
Dried fruits—				
Apples—				
Pounds.....	19,962,306	24,704,359	32,566,160	(²)
Value.....	\$2,206,843	\$4,109,828	\$2,628,445	(²)
Apricots—				
Pounds.....	21,575,149	37,143,824	17,401,692	(²)
Value.....	\$4,110,403	\$8,505,348	\$1,937,771	(²)
Peaches—				
Pounds.....	6,893,124	9,022,334	6,712,296	(²)
Value.....	\$784,640	\$1,559,873	\$449,549	(²)
Prunes—				
Pounds.....	117,933,740	108,208,257	69,813,711	(²)
Value.....	\$9,280,298	\$15,721,951	\$4,662,546	(²)
Other dried or prepared fruits, value.....	\$7,357,546	\$20,165,160	\$1,222,416	(²)
Dried vegetables (peas)—				
Bushels.....	124,720	476,106	(²)	(²)
Value.....	\$530,500	\$2,664,511	(²)	(²)
Fish and oysters, total value.....	\$13,469,367	\$44,588,477	\$9,834,061	\$4,383,254
Canned fish—				
Salmon—				
Pounds.....	50,498,411	169,750,672	87,750,920	36,117,109
Value.....	\$7,508,253	\$28,644,706	\$7,999,293	\$3,416,436
All other (except shellfish), value.....	\$1,635,572	\$6,755,074	\$118,836	\$156,696
Dried, smoked, and cured fish, value.....	\$3,733,574	\$8,523,003	\$1,049,500	\$262,829
Canned oysters, value.....	\$591,968	\$665,694	\$666,432	\$547,293
Pickles and sauces, total value.....	\$1,921,045	\$2,039,641	\$928,611	(²)

² No data.³ Not reported separately.⁴ Includes Alaskan salmon. (See Table 16.)

TABLE 14.—DETAILED STATISTICS FOR THE INDUSTRY AND ITS BRANCHES, FOR THE

BRANCH OF INDUSTRY AND STATE.	Num-ber of estab-lish-ments.	PERSONS ENGAGED IN THE INDUSTRY.					
		Total.	Pro-prietors and firm mem-bers.	Offi-cers, man-agers, clerks, and other sala-ried em-ploy-ees.	Wage earners.		
					Number, 15th day of—		
					Aver-age num-ber.	Maximum month.	Minimum month.
ALL BRANCHES.							
United States:							
1921 ²	2, 225	70, 655	1, 647	9, 333	59, 675	Se 127, 702	Ja 24, 963
1919 ²	4, 280	108, 261	4, 159	14, 179	89, 923	Se 198, 047	Mh 35, 692
1914 ²	4, 220	88, 069	4, 409	9, 589	74, 071	Se 185, 724	Ja 27, 917
FRUITS AND VEGETABLES.							
United States:							
1921 ²	1, 357	45, 210	887	5, 655	38, 668	Se 95, 535	Fe 9, 849
1919 ²	3, 082	72, 744	3, 284	8, 595	60, 865	Se 157, 032	Mh 14, 005
1914 ²	3, 153	58, 329	3, 520	4, 484	50, 325	Se 150, 735	Fe 10, 345
Arkansas.....	10	122	8	12	102	Au ³ 310	Ja ³ 5
California.....	229	14, 819	208	2, 234	12, 377	Au 33, 977	Ja 2, 604
Colorado.....	12	375	10	42	323	Jy 1, 154	De 25
Connecticut.....	3	43	2	4	37	Se 154	Ja 7
Delaware.....	32	624	24	67	533	Se 1, 797	Fe 68
Georgia.....	7	282	1	19	262	Oc 690	Ja 15
Idaho.....	7	139	2	14	123	No 401	Fe ³ 13
Illinois.....	38	1, 543	13	153	1, 377	Au 4, 633	Ja 503
Indiana.....	65	2, 048	38	203	1, 807	Se 5, 214	Ja 450
Iowa.....	28	667	18	81	568	Au 227	Ja 140
Kentucky.....	6	64	1	6	57	Se 230	Ja 2
Louisiana.....	5	101	2	20	79	Au 185	De 15
Maine.....	76	1, 059	45	186	828	Se 3, 419	Mh 116
Maryland.....	166	4, 092	184	387	3, 521	Se 11, 643	Ja 860
Michigan.....	44	1, 727	21	162	1, 544	Se 4, 258	Ja 228
Minnesota.....	21	395	8	60	327	Au 1, 737	Ja 37
Mississippi.....	5	91	.....	11	80	No 231	Ja 15
Missouri.....	23	275	18	12	245	Se 1, 081	My 6
Nebraska.....	3	111	.....	9	102	Au 425	Ja 12
New Hampshire.....	3	46	.....	8	38	Se 148	Ja 8
New Jersey.....	31	2, 382	25	437	1, 920	Se 4, 056	My 1, 005
New York.....	140	3, 884	90	334	3, 460	Se 7, 726	Fe 636
Ohio.....	48	1, 122	24	151	947	Se 2, 850	Ja 166
Oregon.....	49	1, 692	29	168	1, 495	Jy 2, 847	Ap 222
Pennsylvania.....	37	554	38	43	473	Se 158	Mh 73
Tennessee.....	14	191	12	19	160	Se 518	Ja 10
Texas.....	9	119	13	13	93	No 279	Se 7
Utah.....	16	452	12	50	390	Se 997	Fe 64
Vermont.....	9	198	6	33	159	Se 637	Ja 6
Virginia.....	40	501	3	30	468	Se 1, 715	De 12
Washington.....	35	1, 804	27	156	1, 621	Se 3, 509	Ap 246
West Virginia.....	10	160	1	15	144	Se 525	Fe 5
Wisconsin.....	127	3, 355	.....	488	2, 867	Jy 11, 603	Ja 626
All other States ⁴	9	173	4	28	141	.....	.....

¹ Value of products less cost of materials.² The figures for 1921 do not include data for establishments having products valued at less than \$5,000; those for 1919 and 1914 cover all establishments reporting products valued at \$500 or more. (See footnotes 1 and 4, p. 7.)

UNITED STATES, 1921, 1919, AND 1914, AND FOR BRANCHES, BY STATES, 1921.

BRANCH OF INDUSTRY AND STATE.	Salaries.	Wages.	Paid for contract work.	Cost of materials.	Value of products.	Value added by manufacture. ¹
ALL BRANCHES.						
United States:						
1921 ²	\$18,023,434	\$42,114,036	\$1,021,802	\$259,704,054	\$401,831,446	\$142,127,392
1919 ²	24,768,664	66,444,023	877,683	412,659,747	628,287,925	215,628,178
1914 ²	11,471,254	27,197,024	840,419	159,657,909	243,439,859	83,781,950

FRUITS AND VEGETABLES.

United States:						
1921 ²	\$10,444,453	\$24,804,773	\$558,486	\$166,582,088	\$248,105,595	\$81,523,507
1919 ²	13,351,100	43,592,537	328,580	265,628,525	402,242,972	136,614,447
1914 ²	5,106,787	17,303,503	422,514	103,293,044	149,175,865	45,882,821
Arkansas.....	17,485	37,077	.....	149,965	257,367	107,402
California.....	3,766,718	9,844,197	276,334	83,036,892	118,070,322	35,033,430
Colorado.....	100,011	141,861	500	805,919	1,471,254	665,335
Connecticut.....	9,050	11,333	200	34,037	54,627	20,590
Delaware.....	98,290	220,844	1,608	1,188,459	1,980,970	792,511
Georgia.....	8,544	43,046	10,701	184,237	304,701	120,464
Idaho.....	19,922	63,169	3,432	209,832	411,458	201,626
Illinois.....	324,356	954,395	454	4,734,866	7,087,376	2,352,510
Indiana.....	327,303	1,121,345	.....	7,086,780	9,147,680	2,060,900
Iowa.....	178,646	417,700	.....	2,380,800	3,344,143	963,343
Kentucky.....	5,816	18,337	.....	80,105	110,996	30,891
Louisiana.....	26,592	33,219	.....	216,706	406,445	189,739
Maine.....	368,583	567,449	.....	2,985,604	4,816,752	1,831,148
Maryland.....	619,835	1,403,104	9,046	8,468,153	12,268,575	3,800,422
Michigan.....	273,634	761,400	16,540	4,501,170	5,930,074	1,428,904
Minnesota.....	104,640	184,971	.....	964,923	1,444,082	479,159
Mississippi.....	18,190	21,717	.....	104,584	174,148	69,564
Missouri.....	9,925	61,264	1,570	261,787	444,616	182,829
Nebraska.....	12,838	60,485	.....	268,807	403,747	134,940
New Hampshire.....	10,625	18,751	.....	133,978	203,070	69,092
New Jersey.....	1,307,280	1,830,947	575	13,465,989	25,305,082	11,839,093
New York.....	774,316	2,122,222	3,579	9,962,100	15,355,624	5,393,524
Ohio.....	283,957	521,995	1,150	2,465,052	3,739,063	1,274,011
Oregon.....	284,950	839,103	2,838	4,588,891	7,298,707	2,709,816
Pennsylvania.....	41,866	188,147	31,050	1,117,204	1,565,837	445,633
Tennessee.....	37,470	61,595	.....	362,481	520,132	157,651
Texas.....	13,780	32,339	1,800	214,291	314,820	100,529
Utah.....	118,358	240,752	17,193	1,146,084	1,881,270	735,186
Vermont.....	42,788	61,740	.....	340,716	550,144	209,428
Virginia.....	23,782	182,714	9,261	913,981	1,388,032	474,051
Washington.....	311,128	911,603	473	3,415,502	5,890,399	2,474,897
West Virginia.....	4,888	23,406	32,670	274,419	384,550	110,131
Wisconsin.....	867,718	1,732,598	137,512	10,196,916	15,106,495	4,909,579
All other States ⁴	31,139	69,948	.....	320,858	473,037	152,179

² Same number reported for one or more other months.⁴ Alabama, 1 establishment; Florida, 2; Kansas, 1; Montana, 2; New Mexico, 1; North Carolina, 1; Rhode Island, 1.

TABLE 14.—DETAILED STATISTICS FOR THE INDUSTRY AND ITS BRANCHES, FOR THE

BRANCH OF INDUSTRY AND STATE.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							
		Total.	Proprietors and firm members.	Officers, managers, clerks, and other salaried employees.	Average number.	Wage earners.			
						Number, 15th day of—			
						Maximum month.		Minimum month.	
FISH.									
United States:									
1921 ²	273	8,082	325	841	6,916	Ja	12,120	Se	3,932
1919 ²	410	12,797	275	1,274	11,248	Au	17,329	Mh	6,749
1914 ²	330	10,306	263	974	9,069	Au	14,629	Ja	4,033
Alabama.....	3	106	5	13	88	Se	145	Jy	10
California.....	42	1,521	57	140	1,324	Au	3,430	My	266
Florida.....	6	291	9	14	268	De	429	Au	66
Georgia.....	4	213	4	23	186	Ja ³	209	Je ³	129
Illinois.....	5	31	7	8	16	De ³	22	Je ³	11
Louisiana.....	14	604	17	55	532	Oc	1,013	Ja	90
Maine.....	45	1,606	62	105	1,439	Oc	3,446	Ja	362
Maryland.....	11	140	15	12	113	Ap	314	Ja	61
Massachusetts.....	24	1,083	11	212	860	Ja	1,036	Je	742
Mississippi.....	11	531	17	30	484	No	766	My	6
New York.....	14	131	14	29	88	Ja	96	Jy	76
Oregon.....	19	418	7	50	361	Au	972	De	96
Pennsylvania.....	3	25	7	2	16	No	22	My	11
Virginia.....	11	187	17	11	159	Ap	326	Ja ³	60
Washington.....	46	1,102	52	122	928	Au	2,188	De	214
Wisconsin.....	6	34	11	6	17	No ³	29	Ja	13
All other States ⁴	9	59	13	9	37	.....	.....	.....	.....
OYSTERS.									
United States:									
1921 ²	47	1,143	44	69	1,030	Mh	1,672	Jy	132
1919 ²	65	1,339	51	99	1,189	De	1,836	Jy	214
1914 ²	65	2,296	60	149	2,087	No	3,406	Jy	266
Georgia.....	3	49	1	6	42	Mh	95	Se	2
Maine.....	9	106	9	13	84	Ap	214	Se	10
Mississippi.....	5	319	1	19	299	Mh	418	Je	6
North Carolina.....	3	63	1	5	57	Fe	220	Mh	70
South Carolina.....	8	357	12	15	330	Ja	699	Au	11
Washington.....	10	143	8	4	131	Mh	319	Jy	21
All other States ³	9	106	12	7	87	.....	.....	.....	.....

¹ Value of products less cost of materials.² The figures for 1921 do not include data for establishments having products valued at less than \$5,000; those for 1919 and 1914 cover all establishments reporting products valued at \$500 or more. (See footnote 5, p. 7, and footnote 1, p. 8.)

UNITED STATES, 1921, 1919, AND 1914, AND FOR BRANCHES, BY STATES, 1921—CON.

BRANCH OF INDUSTRY AND STATE.	Salaries.	Wages.	Paid for contract work.	Cost of materials.	Value of products.	Value added by manufacture. ¹
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FISH.

United States:						
1921 ²	\$1,435,996	\$4,955,782	\$407,541	\$20,815,997	\$33,956,874	\$13,140,877
1919 ²	2,902,545	9,036,089	445,746	52,410,951	77,284,412	24,873,461
1914 ²	1,269,992	3,678,999	322,347	19,467,153	31,111,409	11,644,256
Alabama.....	6,970	37,139	.....	199,125	274,782	75,657
California.....	286,763	955,985	15,927	3,763,790	6,278,549	2,514,759
Florida.....	13,548	134,099	29,138	355,524	556,520	200,996
Georgia.....	46,395	89,115	500	248,772	491,179	242,407
Illinois.....	11,755	24,313	.....	200,116	293,967	93,851
Louisiana.....	73,453	215,371	300	1,036,932	1,662,773	625,841
Maine.....	212,572	808,887	6,148	3,693,391	5,197,923	1,504,532
Maryland.....	7,135	55,634	.....	271,624	364,195	92,571
Massachusetts.....	263,101	870,480	2,571	1,828,162	4,069,009	2,240,847
Mississippi.....	31,076	143,974	46,656	797,161	1,231,469	434,308
New York.....	54,192	133,927	.....	2,343,137	2,801,131	457,994
Oregon.....	113,697	418,637	96,851	1,841,552	3,616,685	1,769,133
Pennsylvania.....	2,282	15,007	.....	69,399	108,343	38,944
Virginia.....	13,022	82,310	.....	214,419	304,898	90,479
Washington.....	279,945	905,819	209,279	3,723,052	6,295,270	2,572,218
Wisconsin.....	4,450	16,188	171	52,116	95,040	42,924
All other States ⁴	15,640	48,897	.....	177,725	321,141	143,416

OYSTERS.

United States:						
1921 ²	\$96,679	\$358,921	\$14,142	\$1,206,436	\$2,157,533	\$951,097
1919 ²	149,083	468,930	56,053	1,582,838	2,976,011	1,393,173
1914 ²	128,366	423,697	8,669	1,225,206	2,238,053	1,012,847
Georgia.....	10,022	16,063	556	20,263	86,506	66,243
Maine.....	23,124	49,438	.....	113,470	210,460	96,990
Mississippi.....	35,113	82,928	.....	387,854	628,490	240,636
North Carolina.....	920	15,120	.....	31,040	76,840	45,800
South Carolina.....	18,080	66,901	13,586	219,731	400,747	181,016
Washington.....	3,800	84,078	.....	278,647	457,671	179,024
All other States ⁵	5,620	44,393	.....	155,431	296,819	141,388

³ Same number reported for one or more other months.⁴ District of Columbia, 2 establishments; Michigan, 2; New Jersey, 2; North Carolina, 2; Ohio, 1.⁵ California, 2 establishments; Florida, 2; Maryland, 2; Oregon, 1; Virginia, 2.

TABLE 14.—DETAILED STATISTICS FOR THE INDUSTRY AND ITS BRANCHES, FOR THE

BRANCH OF INDUSTRY AND STATE.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.					
		Total.	Proprietors and firm members.	Officers, managers, clerks, and other salaried employees.	Wage earners.		
					Average number.	Number, 15th day of—	
						Maximum month.	Minimum month.
PICKLES, PRESERVES, AND SAUCES.							
United States:							
1921 ¹	548	16,220	391	2,768	13,061	Se 19,338	Ja 9,529
1919 ²	723	21,381	549	4,211	16,621	Se 23,032	Mh 13,134
1914 ²	672	17,138	566	3,982	12,590	Se 19,136	Ap 10,026
California.....	66	1,357	56	230	1,071	Oc 2,081	Ap 602
Colorado.....	17	196	6	19	171	Oc 375	Mh 98
Connecticut.....	4	76	2	16	58	My 74	Fe 42
Florida.....	6	43	7	7	29	Fe 66	My 11
Illinois.....	49	2,042	32	364	1,646	Se 2,303	Ja 1,200
Indiana.....	24	693	13	144	536	Se 1,691	Ja 178
Iowa.....	9	368	4	68	296	Jy 483	Ja 118
Kentucky.....	10	722	13	167	542	Se 932	Ja 281
Louisiana.....	11	185	4	26	155	Se 253	Fe 84
Maine.....	3	11	1	2	8	Au 14	Ja ³ 7
Maryland.....	15	171	17	29	125	Oc 150	Ja 95
Massachusetts.....	30	667	16	182	469	Mh 513	Se 423
Michigan.....	20	320	17	36	267	Se 530	De 160
Minnesota.....	10	195	6	46	143	Au 252	Fe 84
Missouri.....	11	443	4	128	311	Oc 534	Mh 156
New Jersey.....	32	400	21	54	325	Se 788	Ja 180
New York.....	87	3,622	51	456	3,115	Oc 4,143	Mh 2,621
Ohio.....	36	1,118	17	99	1,002	Se 1,530	Ja 715
Oregon.....	8	110	5	26	79	Jy 103	Ja 59
Pennsylvania.....	35	2,694	30	493	2,171	Au 2,710	Ja 1,534
Texas.....	12	274	10	67	197	Se 335	Je 118
Virginia.....	5	44	.....	12	32	Jy 41	De 29
Washington.....	15	157	12	40	105	Au 159	Ja 64
Wisconsin.....	13	160	26	25	109	Se 220	Ja ⁴ 64
All other States. ⁴	20	152	21	32	99	.....	.....

¹ Value of products less cost of materials.² The figures for 1921 do not include data for establishments having products valued at less than \$5,000; those for 1919 and 1914 cover all establishments reporting products valued at \$500 or more. (See footnote 5, p. 8.)

UNITED STATES, 1921, 1919, AND 1914, AND FOR BRANCHES, BY STATES, 1921—Con.

BRANCH OF INDUSTRY AND STATE.	Salaries.	Wages.	Paid for contract work.	Cost of materials.	Value of products.	Value added by manufacture. ¹
PICKLES, PRESERVES, AND SAUCES.						
United States:						
1921 ²	\$6,046,306	\$11,994,560	\$41,633	\$71,099,533	\$117,611,444	\$46,511,911
1919 ²	8,365,936	13,346,467	47,304	93,037,433	145,784,530	52,747,097
1914 ²	4,966,109	5,788,825	86,889	35,672,506	60,914,532	25,242,026
California.....	482,091	970,964	13,012	4,716,973	7,429,523	2,712,550
Colorado.....	40,156	146,448	425	645,387	1,465,029	519,642
Connecticut.....	56,613	61,597	.....	233,458	448,708	215,250
Florida.....	11,319	19,580	.....	49,565	125,424	75,859
Illinois.....	843,841	1,611,601	606	8,704,052	13,362,192	4,658,140
Indiana.....	315,541	401,210	2,518	2,233,275	4,132,037	1,898,762
Iowa.....	71,352	341,918	268	1,154,549	2,710,723	1,556,174
Kentucky.....	447,048	437,743	800	2,957,773	5,051,299	2,093,526
Louisiana.....	42,649	122,882	1,546	209,272	686,428	477,156
Maine.....	1,030	9,609	.....	64,269	87,974	23,705
Maryland.....	52,779	104,496	755	607,047	1,016,361	409,314
Massachusetts.....	349,207	521,656	.....	3,446,056	5,462,115	2,016,059
Michigan.....	82,864	240,051	.....	1,015,306	2,018,257	1,002,951
Minnesota.....	140,906	127,820	1,390	557,532	1,304,981	747,449
Missouri.....	216,020	325,745	.....	2,868,413	3,874,216	1,005,803
New Jersey.....	87,365	358,958	.....	2,199,270	3,149,556	950,286
New York.....	1,253,019	2,742,871	18,253	17,861,685	29,145,232	11,283,547
Ohio.....	213,622	662,782	.....	4,893,129	7,804,117	2,910,988
Oregon.....	86,114	91,838	.....	402,266	799,775	397,509
Pennsylvania.....	948,677	2,254,140	.....	13,656,527	23,477,900	9,821,373
Texas.....	123,694	124,155	.....	767,154	1,317,599	550,445
Virginia.....	15,700	23,653	110	145,924	202,653	56,729
Washington.....	83,777	100,228	.....	610,456	988,371	377,915
Wisconsin.....	29,043	84,506	.....	467,813	576,126	108,313
All other States ⁴	54,879	107,899	1,950	632,382	974,848	342,466

² Same number reported for one or more other months.⁴ Arizona, 1 establishment; Delaware, 2; District of Columbia, 1; Kansas, 2; Mississippi, 2; Montana, 1; Nebraska, 3; North Carolina, 1; North Dakota, 2; Rhode Island, 2; Utah, 2; West Virginia, 1.

TABLE 15.—SUMMARY FOR THE INDUSTRY AS A WHOLE, FOR CITIES HAVING 100,000 INHABITANTS OR MORE: 1921.¹

CITY.	Number of establishments.	Wage earners (average number).	Wages.	Cost of materials.	Value of products.
Baltimore, Md.....	49	1,782	\$839,130	\$4,993,090	\$6,980,223
Boston, Mass.....	21	451	505,093	3,260,194	5,214,995
Buffalo, N. Y.....	5	29	31,401	173,671	272,296
Chicago, Ill.....	44	1,169	1,209,987	6,993,446	10,283,114
Cincinnati, Ohio.....	7	395	226,840	1,503,852	2,267,531
Cleveland, Ohio.....	5	210	255,236	875,605	1,553,503
Denver, Colo.....	5	42	48,092	264,807	394,351
Detroit, Mich.....	7	60	75,795	416,993	665,432
Indianapolis, Ind.....	8	425	426,048	2,600,683	3,281,810
Los Angeles, Calif.....	28	514	323,110	1,434,081	2,237,297
Louisville, Ky.....	8	372	302,699	2,369,471	3,719,592
Newark, N. J.....	9	51	72,115	658,090	892,817
New Orleans, La.....	10	160	122,870	212,765	693,005
New York, N. Y.....	70	2,262	2,026,280	15,639,872	25,054,219
Oakland, Calif.....	10	765	615,885	2,756,846	4,012,293
Philadelphia, Pa.....	22	269	277,943	1,805,671	2,644,280
Pittsburgh, Pa.....	11	1,865	1,952,206	11,685,848	20,566,035
Portland, Ore.....	10	262	203,091	981,084	1,601,187
St. Louis, Mo.....	9	311	323,357	2,877,926	3,881,943
San Antonio, Tex.....	4	66	34,458	288,604	533,628
San Francisco, Calif.....	24	896	820,839	6,674,924	8,689,424
Seattle, Wash.....	15	214	180,287	944,400	1,431,699

¹ Other large cities which reported establishments in the industry, but for which separate statistics can not be given withoat the possibility of disclosing the operations of individual establishments, are: Akron, Ohio; Cambridge, Mass.; Camden, N. J.; Dallas, Tex.; Dayton, Ohio; Des Moines, Iowa; Fort Worth, Tex.; Hartford, Conn.; Houston, Tex.; Jersey City, N. J.; Kansas City, Mo.; Milwaukee, Wis.; Minneapolis, Minn.; Omaha, Nebr.; Paterson, N. J.; Providence, R. I.; Richmond, Va.; Rochester, N. Y.; St. Paul, Minn.; Salt Lake City, Utah; Spokane, Wash.; Syracuse, N. Y.; Toledo, Ohio; Worcester, Mass.; Youngstown, Ohio.

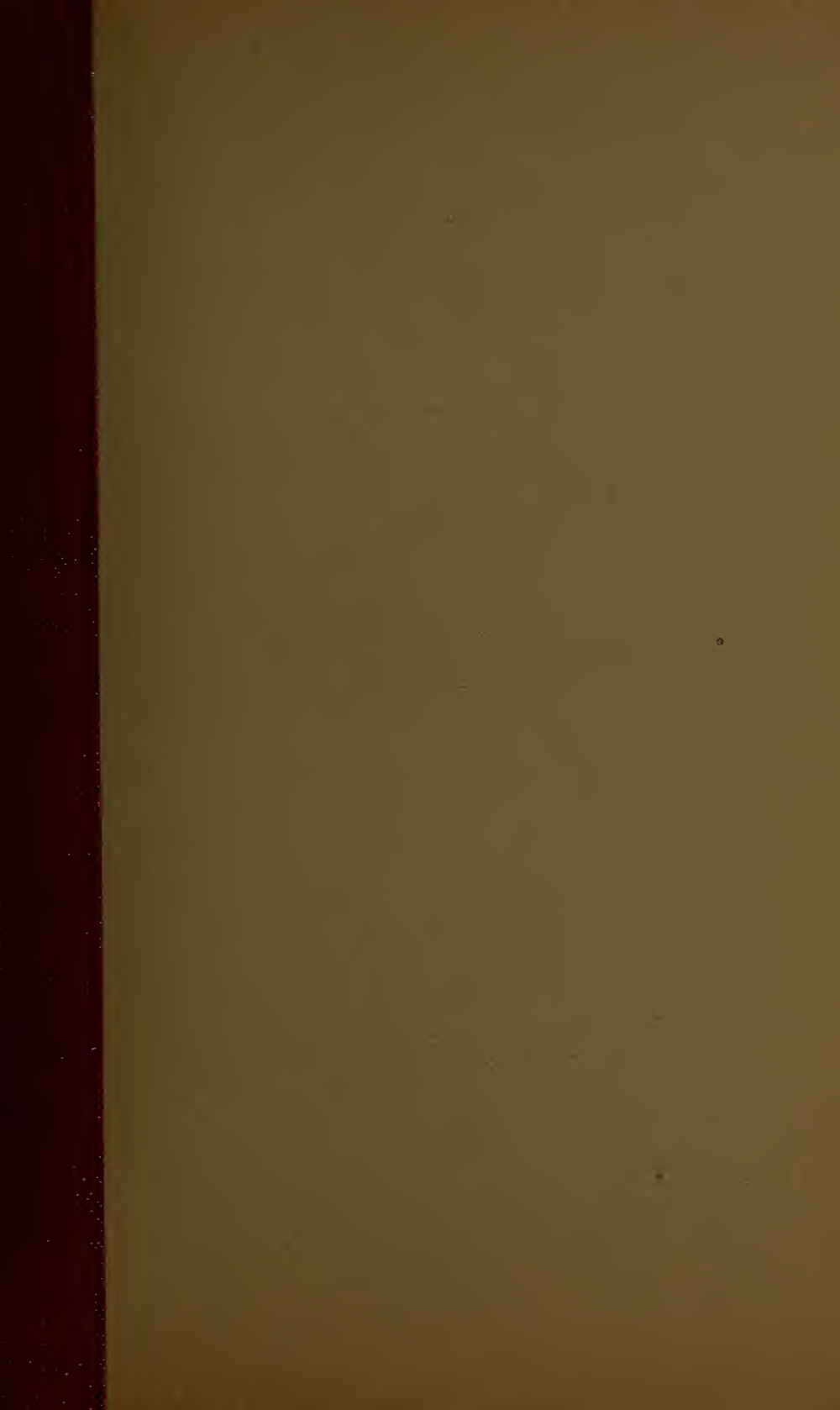
TABLE 16.—PRODUCTS OF ALASKAN FISHERIES, BY QUANTITY AND VALUE: 1909 TO 1921.

KIND.	1921 ¹	1919	1914 ²	1909 ³
Total value.....	\$19,091,676	\$39,160,922	\$20,015,881	\$9,189,982
Canned salmon:				
Standard cases.....	2,466,123	4,352,028	4,056,653	2,393,927
Value.....	\$18,031,438	\$37,354,031	\$18,920,589	\$8,806,087
Mild-cured and salted fish:				
Pounds.....	10,993,389	9,905,202	25,014,552	6,065,731
Value.....	\$950,583	\$1,301,521	\$1,027,685	\$225,607
All other canned fish:				
Standard cases.....	10,051	123,254		
Value.....	\$60,310	\$452,758	(³)	(³)
All other products.....	\$49,345	\$52,612	\$67,607	\$158,288

¹ The statistics for 1921 do not include data for 2 establishments, each reporting products valued at less than \$5,000. The figures for 1919, however, include data for 2 such establishments with a combined production of \$7,354. No corresponding data are available for 1914 and 1909.

² Compiled by the Bureau of Fisheries.

³ Included in "All other products."



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